



No. 3

18 JANUARY 2003



UNITED STATES OF AMERICA

# NOTICE TO MARINERS



Published Weekly by the  
National Imagery and Mapping Agency

Prepared Jointly with the  
National Ocean Service and U.S. Coast Guard

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**Visit the Maritime Safety Information Division website at**  
**<http://pollux.nss.nima.mil/>**



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## IMPORTANT INFORMATION

The Notice to Mariners is published by the National Imagery and Mapping Agency (NIMA), under the authority of Department of Defense Directive 5105.40, to advise mariners of important matters affecting navigational safety, including new hydrographic discoveries, changes in channels and navigational aids, etc. (U.S. Code Title 10, Sec. 442 and Title 44, Sec. 1336 refer). Nothing in the arrangement of information implies endorsement or acceptance by NIMA in matters affecting the status and boundaries of States and territories. The Notice to Mariners presents corrective information affecting charts, NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other products produced by the National Imagery and Mapping Agency, National Ocean Service and U.S. Coast Guard.

Information for the Notice to Mariners is contributed by the following Agencies: National Imagery and Mapping Agency (NIMA) (Department of Defense) for waters outside the territorial limits of the United States; National Ocean Service (NOS) (Department of Commerce), which is charged with the surveys and charting of the coasts and harbors of the United States and its territories; the U.S. Coast Guard (USCG) (Department of Transportation), which is responsible for the safety of life at sea and the establishment and operation of aids to navigation; and the U.S. Army Corps of Engineers (Department of Defense), which is charged with the improvement of rivers and harbors of the United States. In addition, important contributions are made by foreign hydrographic offices and cooperating observers of all nationalities.

For further information concerning NIMA hydrographic products and services, including the Maritime Safety Information Website, users may contact:

<u>Name</u>	<u>Telephone</u>	<u>DSN</u>	<u>FAX</u>
Maritime Safety Information Division	301-227-5006	287-5006	301-227-5745
World-Wide Navigational Warning Service	301-227-3147	287-3147	301-227-3731
Fleet Liaison Officer	301-227-3120	287-3120	301-227-4211
Maritime Safety Information Website	301-227-3296	287-3296	301-227-4211
Notice to Mariners: Regions 1 and 2	301-227-3122	287-3122	301-227-3175
Notice to Mariners: Regions 3, 4, 5	301-227-3146	287-3146	301-227-3175
Notice to Mariners: Regions 6 thru 9	301-227-3146	287-3146	301-227-3175
Sailing Directions, Fleet Guides	301-227-3183	287-3183	301-227-3174
Navigation Science Publications	301-227-3120	287-3120	301-227-3731
Distribution Issues	301-227-7652	287-7652	301-227-4211

The Maritime Safety Information Website can be accessed via the NIMA Homepage ([www.nima.mil](http://www.nima.mil)) under the Safety of Navigation link or directly at (<http://pollux.nss.nima.mil>). For your convenience NIMA provides three e-mail addresses. For information affecting Notice to Mariners use [NavNotices@nima.mil](mailto:NavNotices@nima.mil), for information affecting Sailing Directions and all other navigational publications use [SDPUBS@nima.mil](mailto:SDPUBS@nima.mil), for information concerning the Maritime Safety Information Website, use [webmaster\\_nss@nima.mil](mailto:webmaster_nss@nima.mil).

Mariners are requested to notify NIMA of discrepancies in charts and publications, using the Marine Information Report and Suggestion Sheet at the back of this Notice to Mariners. This form should also be used to report permanent changes, additions, or deletions from charted or published information. Reports which constitute an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. All reports are greatly appreciated. Marine Information Report and Suggestion sheets received during the past week were submitted by the following observers:

<u>Observer</u>	<u>Ship/Organization</u>
John Christensen	M/V LONG BEACH
Alison Marting	M/V KEYSTONE TEXAS
L. Fosgate, Second Officer	USNS KILAUEA

**Cover Photo:** Serving our nation proudly since her commissioning on June 3rd, 1978 the **USS BRISCOE (DD-977)** is the fifteenth destroyer in a series of thirty-one *SPRUANCE* class destroyers. Built by the Ingalls Shipbuilding Division of Litton Industries in Pascagoula, MS, she bears the name of Admiral Robert P. Briscoe, USN, who served with distinction during WWI, WWII and the Korean Conflict. The *SPRUANCE* class destroyers were developed for the primary mission of anti-submarine warfare, including operations as an integral part of attack carrier forces. Utilizing highly developed weapons systems, the **BRISCOE** can hunt down and destroy high speed submarines in all weather, but can also engage ships, aircraft and shore targets. As a multi-purpose combatant, the **BRISCOE** is capable of providing naval gunfire support in conjunction with Marine amphibious operations worldwide. At 564 feet in length and a beam of 55 feet, she is twice as large as a WWII destroyer and as large as a WWII cruiser. The **BRISCOE**'s formidable armament includes two 5-inch/54 caliber lightweight guns, one MK-41 VLS for Tomahawk cruise missiles, MK-46 torpedoes, Harpoon missile launchers, one Sea Sparrow launcher, one Rolling Airframe Missile System and two 20mm Phalanx CIWS. The **BRISCOE**'s 80,000 SHP and twin controllable-pitch screws can propel her to 30+ knots. A high degree of automation permits a reduced crew of 352 Sailors and 30 Officers. The homeport of the **USS BRISCOE** is Norfolk, Virginia.

INFORMATION  
OF  
SPECIAL INTEREST  
OR  
IMPORTANCE  
TO  
MARINERS

NM 3/03

# HYDROGRAM

**National Imagery and Mapping Agency  
Bethesda, MD 20816-5003**

SPECIAL  
ANNOUNCEMENTS  
\_\_\_\_\_  
NEW PRODUCTS  
OR SERVICES  
\_\_\_\_\_  
IMPORTANT  
CHANGES

**18 January 2003**

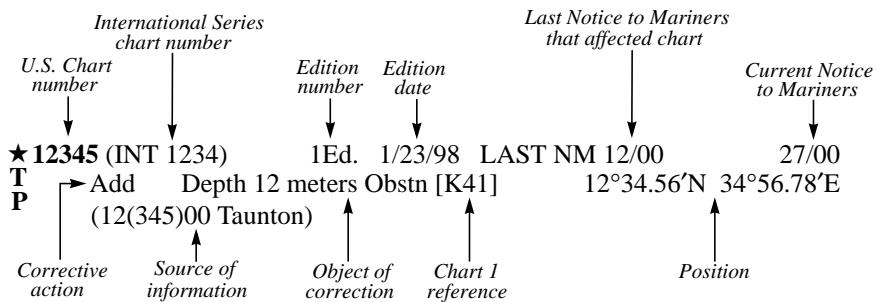
## UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE

THE UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE (NIS), OPERATED BY THE USCG NAVIGATION CENTER, PROVIDES INFORMATION FOR ALL RADIONAVIGATION SYSTEMS. SEE SECTION III.

## EXPLANATION OF CONTENTS

The Notice to Mariners contains corrective information affecting nautical charts, the NIMA Hydrographic Products Catalog, Coast Pilots, Sailing Directions, Fleet Guides, USCG Light Lists, NIMA List of Lights, Radio Navigational Aids and other related nautical publications. The information contained in these corrections is important to safe navigation. It is the user's responsibility to decide which of their charts and publications require correction. Consult the U.S. Coast Guard Local Notice to Mariners for information pertaining to waterways within the United States that are not normally used by oceangoing vessels. Because of the sometimes transitory nature of aids to navigation, depths and port information, local area sources should be consulted whenever possible. This publication is not required to be maintained intact. Portions may be separated for correction or attachment to an affected product. The Notice to Mariners is divided into the following sections:

**Section I-1** contains corrections to nautical charts listed in numeric order by chart number. Each chart correction listed applies only to that particular chart. Related charts, if any, will have their own specific correction listed separately. Users should also refer to U.S. Chart 1 Nautical Chart Symbols, Abbreviations and Terms for additional information pertaining to the correcting of charts. The illustration below describes the elements that comprise a typical chart correction:



A chart correction preceded by:

- ★ indicates that it is based upon original U.S. source information.
  - T indicates that it is temporary in nature.
  - P indicates that it is preliminary, and that permanent corrective action will appear in a future Notice to Mariners.
- The letter M immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. The letter M is not a part of the chart number.
- The letter N preceding the current Notice to Mariners number indicates that the affected chart is on Limited Distribution and is normally only for use by U.S. Navy, government-owned or -chartered vessels.
- Courses and bearings are given in degrees true.
- Light sectors are expressed in degrees true from the vessel TOWARD the light.
- The visible range(s) listed for lights is normally the nominal range (the distance at which it can be seen in clear weather), expressed in nautical miles, except in the Great Lakes where it is expressed in statute miles.
- The colors of structures and lights of navigational aids are abbreviated in accordance with Chart 1.
- Section I-2\*** contains all chartlets, depth tabulations and notes associated with the chart corrections in Section I-1. Chartlets and depth tabulations supersede all previous information portrayed.
- Section I-3** lists all NIMA and NOS charts which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the oldest Summary of Corrections or the chart's announcement, whichever is later.

**Section II-1** is a weekly listing of corrections to the NIMA Hydrographic Products Catalog, including new charts and publications. It also contains the latest price category information.

**Section II-2\*** contains corrections to navigation publications, including Sailing Directions, Coast Pilots, Fleet Guides, Radio Navigational Aids (Pub. 117), *The American Practical Navigator* and other related nautical publications.

**Section II-3\*** lists weekly updates to the USCG Light Lists.

**Section II-4\*** lists weekly updates to the NIMA List of Lights.

**Section II-5** lists all NIMA, NOS and USCG navigation publications which have been affected by Notice to Mariners and the notice numbers which have affected them since the date of the publication's announcement.

**Section III-1** lists the message number of all in-force Navigational Warnings, and the text of those warnings promulgated during the previous week. Notice to Mariners Nos. 13, 26 and 39 list a summary of all in-force Navigational Warnings for the preceding quarter. Notice to Mariners No. 52 lists a complete summary of all in-force Navigational Warnings.

**Section III-2** contains miscellaneous information of particular interest to the maritime community.

\*The left-hand pages of these sections are intentionally blank.

**SECTION I  
CHART CORRECTIONS**

<b>★11308</b>	22Ed. 11/02	NEW EDITION (NOS)	3/03	(Supersedes 52/02-16300) (48/02 CG17)
<b>★11352</b>	36Ed. 11/02	NEW EDITION (NOS)	3/03	<b>16682</b> 14Ed. 6/20/98 LAST NM 6/02 Delete Buoy (mooring) (48/02 CG17) 3/03 60°00'30"N 149°18'00"W
<b>★11364</b>	39Ed. 11/02	NEW EDITION (NOS)	3/03	<b>★16683</b> 9Ed. 1/29/00 LAST NM 1/01 Delete Buoy (mooring) (48/02 CG17) 3/03 60°00'30"N 149°18'00"W
<b>★11408</b>	28Ed. 11/02	NEW EDITION (NOS)	3/03	<b>★17316</b> 20Ed. 4/20/02 LAST NM 28/02 Delete Buoy (48/02 CG17) 3/03 58°24'51"N 134°45'33"W
<b>★12233</b>	35Ed. 11/02	NEW EDITION (NOS)	3/03	<b>★18429</b> 9Ed. 12/02 NEW EDITION Add HORN at light (NOS; USCGLL) 3/03 48°28'41"N 122°42'49"W
<b>★13253</b>	18Ed. 11/02	NEW EDITION Relocate Buoy "2A" from 41°59'17.7"N 70°39'01.3"W to 41°59'15.4"N 70°39'03.1"W (Previously published 51/02) (NOS)	3/03	<b>★18440</b> 26Ed. 12/02 NEW EDITION (NOS) 3/03
<b>14223</b>	18Ed. 7/15/95	LAST NM 33/00 Add Chartlet, depicting changes in hydrography, from Subsection I-2 (11(1313)01 Ottawa) 3/03	3/03	<b>21014</b> 72Ed. 1/21/84 LAST NM 2/03 Change Visibility (range) of light to 10M 3/03 24°47.0'N 108°05.0'W Visibility (range) of light to 10M 24°37.0'N 107°55.0'W Visibility (range) of light to 10M 24°15.8'N 107°27.1'W Visibility (range) of light to 12M 23°38.8'N 106°49.1'W Visibility (range) of light to 30M 23°10.6'N 106°26.8'W (Mex LL)
<b>★14837</b>	27Ed. 4/13/02	LAST NM 26/02 Delete Depth 17 feet 3/03 Depth 12 feet Depth 16 feet Depth 24 feet	41°45'57"N 81°16'54"W 41°46'00"N 81°16'53"W 41°46'02"N 81°16'52"W 41°46'14"N 81°16'45"W	<b>21301</b> 13Ed. 7/15/89 LAST NM 1/02 Change Light to Iso 2s 48m 8M 3/03 23°13'23"N 106°24'10"W Light to Fl 3s 16m 8M 23°12'38"N 106°24'26"W Visibility (range) of light to 7M 23°10'47"N 106°25'13"W Visibility (range) of light to 7M 23°10'42"N 106°25'06"W Visibility (range) of light to 30M 23°10'39"N 106°25'40"W Visibility (range) of light to 10M 23°09'59"N 106°25'05"W (See 1/02-21301)
		Substitute Depth 15 feet for 14 feet Change Legend to "23 FT AUG 2002" Legend to "20 FT AUG 2002" Legend to "21 1/2 FT AUG 2002" Legend to "16 FT AUG 2002" Legend to "19 FT AUG 2002"	41°46'01.2"N 81°16'52.2"W 41°46'09"N 81°16'47"W 41°45'54"N 81°16'48"W 41°45'27"N 81°16'49"W 41°44'51"N 81°16'58"W 41°44'53"N 81°16'53"W	<b>(Plan)</b> Change Range light, rear to Iso 2s 48m 8M 3/03 23°13'22.7"N 106°24'09.5"W Range light, rear to Iso 2s 21m 13M 23°13'07.2"N 106°24'02.4"W Range light, front to Fl 3s 17m 13M 23°12'52.4"N 106°24'09.3"W Range light, front to Fl 3s 16m 8M 23°12'38.0"N 106°24'25.6"W Visibility (range) of light to 7M 23°10'47.3"N 106°25'13.4"W Visibility (range) of light to 7M 23°10'41.5"N 106°25'06.1"W Visibility (range) of light to 30M 23°10'39.1"N 106°25'40.3"W Visibility (range) of light to 10M 23°09'59.2"N 106°25'05.4"W Change Light to Fl G 3s 9m 6M 23°11'14.5"N 106°25'00.3"W Light to Iso G 2s 3m 5M 23°11'07.2"N 106°25'05.8"W (Mex LL)
<b>★14917</b>	23Ed. 8/23/97	LAST NM 17/02 Change Legend to "20 FT FOR WIDTH OF 300-600 FT OCT 2002" 3/03 45°05'53"N 87°34'54"W Legend to "18 FT FOR A MID WIDTH OF 200-300 FT SEP 2002" 45°05'54"N 87°36'25"W Legend to "15 FT SEP 2002" 45°05'54"N 87°36'41"W Legend to "16 FT SEP 2002" 45°06'02"N 87°37'03"W Legend to "10 FT OCT 2002" 45°06'05"N 87°37'24"W (See 17/02-14971) (NOS)		<b>52140</b> 6Ed. 3/30/96 LAST NM 50/02 Change Light to Fl(3) G 5M 3/03 39°30.2'N 2°44.8'E Add Submarine cable [L30.1] joining 39°22.1'N 2°30.1'E 39°22.3'N 2°30.7'E 39°23.7'N 2°33.5'E 39°25.3'N 2°35.4'E 39°27.8'N 2°36.2'E 39°29.2'N 2°36.4'E 39°31.1'N 2°35.4'E 39°32.4'N 2°36.5'E 39°32.6'N 2°36.4'E 39°33.1'N 2°36.3'E (See 50/02-52140) (37(502)00, 41(728)01 Cadiz)
<b>★14965</b>	20Ed. 1/15/00	LAST NM 43/01 <b>(Inset Ontonagon Harbor)</b> 3/03	3/03	<b>52144</b> 5Ed. 12/25/93 LAST NM 50/02 Change Light to Fl(2) R 5M 3/03 39°32'56"N 2°36'01"E Light to Fl(3) G 8s 10m 5M 39°30'47"N 2°27'53"E (continued on next page)
<b>★16300</b>	8Ed. 3/10/90	LAST NM 52/02 Change Buoy "6" to "7" G, can 3/03	59°43.5'N 162°18.5'W	

## SECTION I

<b>52144</b>	(Continued)				
	Light to Fl(3) R 8s 10m 3M	39°30'47"N 2°27'59"E			
	Light to Fl(4) R 11s 8m 5M	39°31'53"N 2°43'00"E			
	Light to Fl(3) G 8s 8m 5M	39°30'10"N 2°44'48"E			
Add	Submarine cable [L30.1] joining	39°22'05"N 2°30'05"E 39°22'20"N 2°30'45"E 39°23'44"N 2°33'28"E 39°25'19"N 2°35'25"E 39°27'46"N 2°36'14"E 39°29'12"N 2°36'23"E 39°31'09"N 2°35'24"E 39°32'21"N 2°36'30"E 39°32'36"N 2°36'22"E 39°33'07"N 2°36'19"E			
	Purple composite line [N2.1] joining	39°29'56"N 2°42'08"E 39°29'56"N 2°41'56"E 39°28'55"N 2°41'39"E			
	Buoy Y, pillar, "X" topmark, Fl Y 5s	39°29'56"N 2°42'08"E			
	Buoy Y, pillar, "X" topmark, Fl Y 5s	39°24'44"N 2°43'45"E			
	Buoy Y, spar, "X" topmark, Fl (2) Y 10s	39°28'22"N 2°42'11"E			
	Buoy Y, spar, "X" topmark, Fl (2) Y 10s	39°27'29"N 2°43'33"E			
Delete	<b>(Plan)</b> Light	39°34'01.9"N 2°38'13.0"E			
Relocate	Light from 39°33'40.3"N 2°37'42.7"E to 39°33'43.8"N 2°37'45.4"E				
	Light from 39°33'38.5"N 2°37'42.0"E to 39°33'42.1"N 2°37'44.5"E				
Add	Light Fl(2) R 7s 4m 1M Light Fl(2) R 14s	39°33'59.1"N 2°37'49.0"E 39°34'03.0"N 2°38'11.2"E			
	(35(479), 37(500-502), 41(553)00, 24(456), 37(668), 41(728)01, 6(85), 18(342)02 Cadiz; Spn CH 4211; Spn LL)				
<b>53160</b>	14Ed. 6/19/99 LAST NM 51/02		3/03		
Add	Submarine cable [L30.1] joining	40°32.3'N 14°11.9'E 40°44.1'N 14°00.3'E 40°44.5'N 13°57.3'E			
	(19(32)99 Genova)				
<b>53161</b>	8Ed. 3/30/96 LAST NM 51/02		3/03		
Add	Submarine cable [L30.1] joining	40°32'19"N 14°11'55"E 40°32'19"N 14°11'34"E 40°33'01"N 14°10'47"E 40°35'09"N 14°06'52"E 40°36'14"N 14°05'44"E 40°39'27"N 14°03'15"E 40°40'56"N 14°02'16"E 40°42'20"N 14°01'10"E 40°43'50"N 14°00'41"E 40°44'08"N 14°00'19"E 40°44'25"N 13°57'31"E 40°44'29"N 13°57'20"E			
	(19(32)99 Genova)				
<b>53180</b>	10Ed. 1/21/95 LAST NM 1/03		3/03		
Add	Submarine cable [L30.1] joining	40°32.3'N 14°11.9'E 40°44.1'N 14°00.3'E 40°44.5'N 13°57.3'E			
	(19(32)99 Genova)				
<b>*53226</b>	3Ed. 11/9/02 NEW EDITION Add Wreck [K29] (PA) (Previously published 51/02) (NIMA; 10(13)99 Genova)		3/03		
Add	Submarine cable [L30.1] joining	36°52'02"N 13°14'59"E			
<b>54151</b>	1Ed. 6/20/92 LAST NM 15/02		3/03		
Add	Submarine cable [L30.1] joining	38°54.7'N 24°34.3'E 38°52.6'N 24°37.5'E 38°51.4'N 24°41.0'E 38°51.0'N 24°47.1'E 38°56.4'N 25°00.2'E 38°56.7'N 25°04.5'E 38°58.5'N 25°13.0'E			
	(6(166)00 Athens)				
<b>54340</b>	8Ed. 7/27/91 LAST NM 51/02 Add Submarine cable [L30.1] joining		3/03		
		38°54.7'N 24°34.3'E 38°54.4'N 24°34.8'E 38°54.1'N 24°34.7'E 38°52.6'N 24°37.5'E 38°51.4'N 24°41.0'E 38°51.0'N 24°47.1'E 38°51.4'N 24°50.0'E			
	(6(166)00 Athens)				
<b>54352</b>	3Ed. 8/10/96 LAST NM 1/03 <b>(Plan A)</b> Add Submarine cable [L30.1] joining		3/03		
		38°54'44"N 24°34'16"E 38°54'42"N 24°34'23"E 38°54'21"N 24°34'46"E 38°54'07"N 24°34'43"E 38°52'38"N 24°37'31"E 38°51'24"N 24°40'59"E 38°51'03"N 24°44'54"E			
	(6(166)00 Athens)				
<b>54380</b>	6Ed. 5/11/91 LAST NM 42/02 Add Submarine cable [L30.1] joining		3/03		
		38°54.7'N 24°34.4'E 38°54.4'N 24°34.8'E 38°54.1'N 24°34.7'E 38°52.6'N 24°37.5'E 38°51.4'N 24°41.0'E 38°51.0'N 24°47.1'E 38°51.5'N 24°50.2'E 38°56.4'N 25°00.2'E 38°56.7'N 25°04.5'E 38°58.5'N 25°13.0'E			
	(6(166)00 Athens)				
<b>54400</b>	8Ed. 6/2/90 LAST NM 43/02 Change Light to Fl R 4s 9M		3/03		
	(6(170)00 Athens; BA LL)		36°55.0'N 27°16.8'E		
<b>54407</b>	4Ed. 1/27/96 LAST NM 43/02 Change Visibility (range) of light to 9M		3/03		
	(6(170)00 Athens)		36°54.9'N 27°16.7'E		
<b>54418</b>	4Ed. 10/5/96 LAST NM 43/02 Change Visibility (range) of light to 9M		3/03		
	(6(170)00 Athens)		36°54'56.1"N 27°16'48.0"E		
<b>54419</b>	2Ed. 2/13/93 LAST NM 17/01 Change Visibility (range) of light to 9M		3/03		
	(6(170)00 Athens; BA LL)		36°54'55.0"N 27°16'47.7"E		
<b>71033</b>	31Ed. 2/3/96 LAST NM 49/02 Add Depth 11.5 meters Depth 12 meters Wk [K26]		3/03		
	(30(237, 238)02 Jakarta)		2°25.5'S 106°54.3'E 3°29.3'S 107°16.5'E		
<b>71210</b>	18Ed. 9/2/95 LAST NM 44/02 Add Depth 12 meters Wk [K26]		3/03		
	(30(237)02 Jakarta)		3°29.3'S 107°16.5'E		
<b>71420</b>	1Ed. 9/5/87 LAST NM 39/02 Delete Depth 11.9 meters "Rep (1993)"		3/03		
	Add Depth 11.5 meters		2°25.5'S 106°54.6'E		
	(30(238)02 Jakarta)		2°25.5'S 106°54.3'E		
<b>73581</b>	4Ed. 8/15/98 LAST NM 52/02 Delete Depth 4.2 meters Depth 5.1 meters		3/03		
		9°28'12.6"S 147°08'59.4"E 9°28'10.8"S 147°08'55.2"E			
	Add Depth 8.4 meters		9°28'13.8"S 147°08'56.4"E		
	<b>(Plan A)</b> Add Chartlet, depicting changes in hydrography, from Subsection I-2		9°28'12.0"S 147°09'00.0"E		
	<b>(Plan B)</b> Delete Depth 1.4 meters Depth 2.3 meters Depth 7.5 meters		9°28'10.0"S 147°09'04.5"E 9°28'09.2"S 147°09'01.0"E 9°28'09.5"S 147°08'56.8"E		

(continued on next page)

## SECTION I

**NM 3/03**

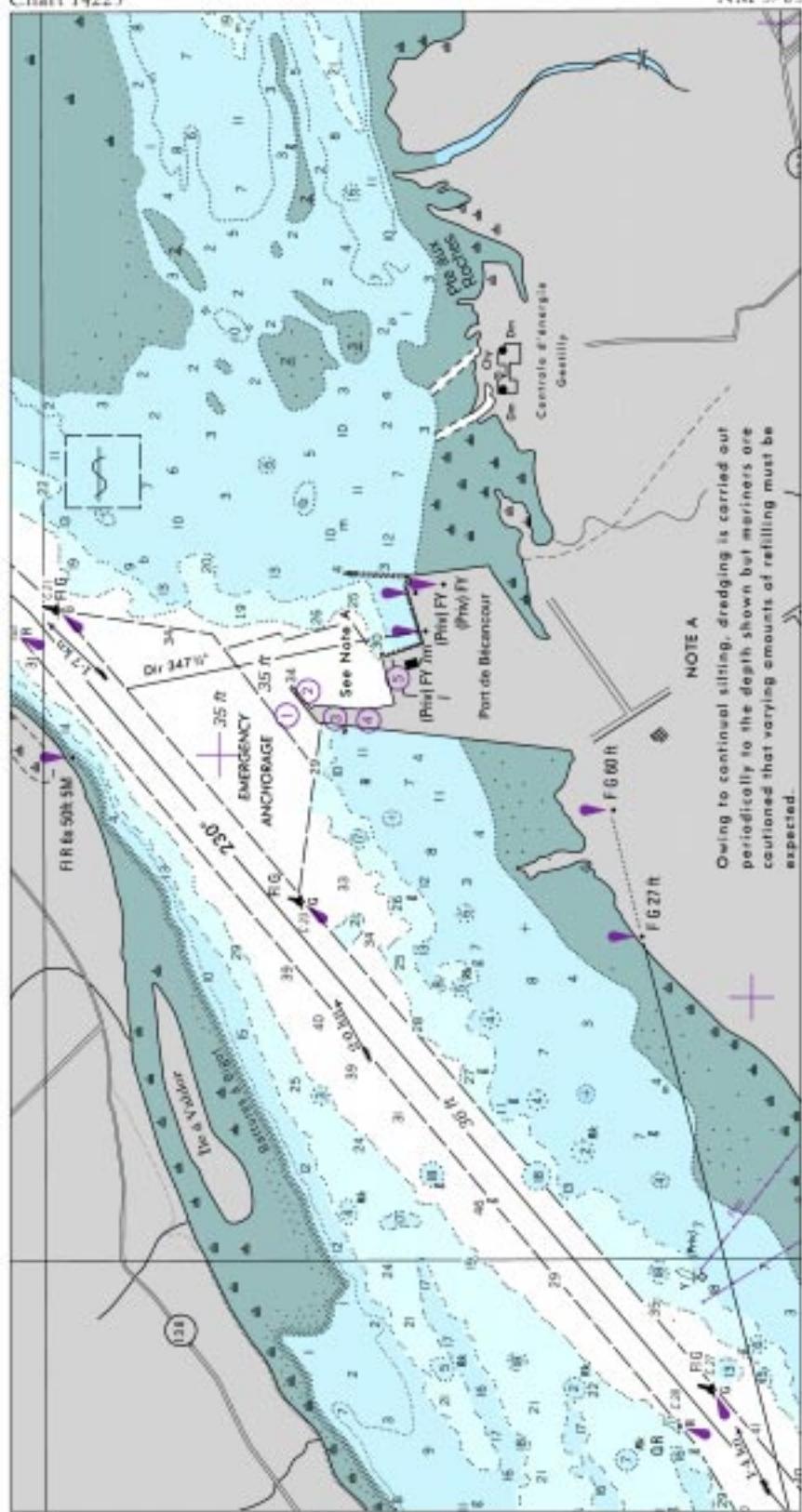
<b>73581</b>	(Continued)			
	Depth 4.8 meters, 6.3 meters and enclosing depth contours (2) in vicinity	9°28'15.0"S 147°08'56.0"E		
Add	Depth 8.4 meters	9°28'13.8"S 147°08'56.4"E		
	Depth 2.4 meters	9°28'10.5"S 147°08'59.0"E		
	Depth 13.8 meters	9°28'14.0"S 147°09'02.6"E		
	(15(471)02 Wollongong)			
<b>74171</b>	4Ed. 8/5/95 LAST NM 47/02	3/03		
Add	Depth 2.7 meters	29°25'30"S 153°22'33"E		
	(23(727)02 Wollongong)			
<b>74231</b>	7Ed. 5/30/98 LAST NM 35/02	3/03		
	<b>(Plan C)</b>			
Substitute	Buoy "N3" G, can, cone topmark, Fl G 2.5s for beacon	20°01'42.6"S 148°16'07.8"E		
Change	Shape of buoy to can	20°02'48.0"S 148°16'15.0"E		
	Shape of buoy to can	20°02'20.5"S 148°15'45.2"E		
	Shape of buoy to can	20°01'37.5"S 148°15'17.4"E		
	Buoy to BRB, conical	20°01'28.8"S 148°14'55.8"E		
	Buoy to "N1" G, can, cone topmark, Fl G 4s	20°01'21.0"S 148°16'35.4"E		
	Buoy to "M1" G, can, cone topmark, QG	20°03'21.6"S 148°16'54.6"E		
	Beacon to "No 1" G, cone topmark, QG	20°01'19.1"S 148°15'23.5"E		
	Beacon to "No 2" R, can topmark, QR	20°01'19.0"S 148°15'21.5"E		
Add	Can topmark to buoy "M2"	20°02'22.5"S 148°15'42.0"E		
	<b>(Plan D)</b>			
Change	Shape of buoy to can	20°01'37.8"S 148°15'16.0"E		
	Buoy to BRB, conical	20°01'27.8"S 148°14'54.5"E		
	Beacon to "No 1" G, cone topmark, QG	20°01'20.4"S 148°15'23.0"E		
	Beacon to "No 2" R, can topmark, QR	20°01'19.8"S 148°15'22.0"E		
Add	Can topmark to beacon "No 3"	20°01'15.0"S 148°15'23.0"E		
	Can topmark to beacon "No 5"	20°01'10.1"S 148°15'23.0"E		
	Cone topmark to beacon "No 4"	20°01'15.0"S 148°15'24.0"E		
	Cone topmark to beacon "No 6"	20°01'10.1"S 148°15'23.5"E		
	Beacon "No 7" G, cone topmark, Fl G 4s	20°01'05.8"S 148°15'24.4"E		
	(23(730)02 Wollongong)			
<b>74281</b>	7Ed. 7/5/97 LAST NM 31/00	3/03		
Add	Racon [S3.1] at light	12°15'12"S 143°14'48"E		
	(23(732)02 Wollongong)			
<b>74393</b>	9Ed. 10/30/99 LAST NM 50/02	3/03		
Delete	Buoy (mooring) (See 50/02-74393)	12°28.88"S 130°52.00"E		
Add	Buoy (mooring) [Q41] Q	12°28.88"S 130°51.10"E		
	(23(733)02 Wollongong)			
<b>74394</b>	2Ed. 10/3/98 LAST NM 50/02	3/03		
Delete	Buoy (mooring) (See 50/02-74394)	12°28'52.8"S 130°52'00.0"E		
Add	Light Q to buoy (mooring)	12°28'52.8"S 130°51'06.0"E		
	<b>(Plan)</b>			
Change	Buoy to R, spar, can topmark, QR	12°27'06.6"S 130°48'50.4"E		
Add	Light Q to buoy (mooring)	12°28'53.1"S 130°51'06.0"E		
	(23(733)02 Wollongong)			
<b>75251</b>	5Ed. 8/30/97 LAST NM 48/02	3/03		
Delete	Buoy	35°02'07"S 150°40'59"E		
	Buoy	35°00'25"S 150°43'55"E		
Substitute	Buoy BRB, can, double ball topmark, Fl(2) 7s for beacon	35°04'04"S 150°40'56"E		
	(19(517)99, 23(724)02 Wollongong)			
<b>75261</b>	6Ed. 5/10/97 LAST NM 48/02	3/03		
Delete	Buoy	35°02'07"S 150°40'59"E		
	Buoy	35°00'25"S 150°43'55"E		
Substitute	Buoy BRB, can, double ball topmark, Fl(2) 7s for beacon	35°04'04"S 150°40'56"E		
Add	Buoy BYB, pillar, double cone topmark bases together, Q(3) 10s	35°04'22"S 150°42'22"E		
	Buoy YB, conical, double cone topmark points downward	35°02'12"S 150°40'42"E		
	Buoy R, can, Fl 3s	35°00'30"S 150°43'57"E		
	Beacon G, Fl G 3s	35°00'55"S 150°45'49"E		
	(19(517)99, 23(724)02 Wollongong)			
<b>93652</b>	2Ed. 5/4/96 LAST NM 24/01	3/03		
	<b>(Plan)</b>			
Delete	Buoy "3"	21°25'52.5"N 109°00'58.3"E		
	Buoy "4"	21°25'51.6"N 109°01'04.1"E		
Change	Characteristic of buoy "6" to Fl R 4s	21°28'09.5"N 109°01'25.4"E		
Add	Buoy "3" R, pillar, can topmark, Fl R 4s	21°25'07.9"N 109°00'48.2"E		
	Buoy "4" G, pillar, cone topmark, Fl G 4s	21°25'07.2"N 109°00'54.9"E		
	(25(396)01, 7(97)02 Tianjin)			
<b>94016</b>	2Ed. 9/23/95 LAST NM 52/02	3/03		
Add	Depth 39 meters "Rep (2002)" (ED)	26°04.9"N 122°27.0"E		
	(68/02 Tso-ying)			
<b>97480</b>	7Ed. 6/1/96 LAST NM 52/02	3/03		
Add	Depth 39 meters "Rep (2002)" (ED)	26°04.9"N 122°27.0"E		
	(68/02 Tso-ying)			

## SECTION I

NM 3/03

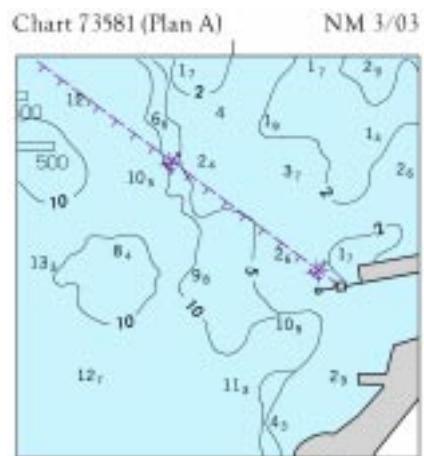
Chart 14223

NM 3/03



## SECTION I

NM 3/03





















## SECTION I

**CHARTS AFFECTED BY NOTICE TO MARINERS**  
**NM 2/02 THROUGH NM 3/03**

Note: N indicates Not For Sale; P indicates Preliminary; T indicates Temporary;  
 \* indicates New Edition/New Chart; \*\* indicates Chart Canceled

Chart No.	Ed. No.	Notice to Mariners No.			
97469	10	7,26/02;1/03			
97471	5	N7,N31/02			
97472	8	6,7,34/02			
97473	7	5/02			
97474	7	21/02			
97480	7	12,21,35,52/02;3/03			
97481	6	10,47,49/02			
97483	7	48,52/02			
97521	6	19,42/02			
800669	8	N20/02			
800744	1	N22,N49/02			
801217	1	N5,N6,N7,N21/02			
801885	3	N28/02			
801959	2	N10/02			
802202	8	N14,N23,N31,N35/02; N1/03			
802260	5	N20/02			
803404	2	N26/02			
804037	1	N28/02			
804059	2	N20/02			
804567	4	N17/02			
805647	2	N37,N51/02			
807861	2	N27/02			
808528	1	N25/02			
809310	9	N13,N18,N39/02			
809679	2	N25,N50/02			

## SECTION II

NM 3/03

## NIMA HYDROGRAPHIC PRODUCTS CATALOG CORRECTIONS

Note: Underlining indicates that column in which a correction has been made or new information added.					Edition		Price Category	Page(s)	NTM
NIMA Ref. No. (National Stk. No.)	Title	Scale = 1:	No.	Date					
REGION 1									
11XHA11308 (7642014010213)	Redfish Bay to Middle Ground including Baffin Bay  (Not shown on index) (New edition due to numerous Notice to Mariners corrections)	40,000	<u>22</u>	<u>11/02</u>	NOS	1-94	3/03		
11XCO11352 (7642014010208)	New Orleans to Calcasieu River-East Section  (New edition due to numerous Notice to Mariners corrections)	175,000	<u>36</u>	<u>11/02</u>	NOS	1-94	3/03		
11AHA11364 (7642014010134)	Mississippi River-Venice to New Orleans  (New edition due to numerous Notice to Mariners corrections)	80,000	<u>39</u>	<u>11/02</u>	NOS	1-94	3/03		
11BCO11408 (7642014010194)	Crystal River to Horseshoe Point (LORAN-C)  Insets: Suwannee River Cedar Keys (New edition due to numerous Notice to Mariners corrections)	80,000 20,000 40,000	<u>28</u>	<u>11/02</u>	NOS	1-94	3/03		
12AHA12233 (7642014010312)	Potomac River-Chesapeake Bay to Piney Point  (New edition due to various general changes)	40,000	<u>35</u>	<u>11/02</u>	NOS	1-94	3/03		
13XHA13253 (7642014010456)	Plymouth, Kingston, and Duxbury Harbors  Inset: Green Harbor (Inset not shown on index) (New edition due to various general changes)	20,000 10,000	<u>18</u>	<u>11/02</u>	NOS	1-95	3/03		
18BHA18429 (7642014011561)	Rosario Strait-Southern Part  (New edition due to changes in traffic routing systems)	25,000	<u>9</u>	<u>12/02</u>	NOS	1-82,98	3/03		
18ACO18440 (7642014011488)	Puget Sound  (New edition due to changes in traffic routing systems)	150,000	<u>26</u>	<u>12/02</u>	NOS	1-98	3/03		
REGION 5									
53BHA53226 (7642014014991)	Approaches to Empedocle and Licata  Plans: A. Empedocle B. Licata	100,000 15,000 15,000	<u>3</u>	<u>11/02</u>	A	5-42	3/03		

Price Categories effective 1 October 2002

A	17.75	E	9.00	G	4.50	I	26.25
D	10.75	F	9.00	H	2.50	R	2.50

CHS Canadian Hydrographic Service

DS Distribution Limited

GPO Government Printing Office

NOS National Ocean Service

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Note: New editions cancel former editions. They include corrections published in the Notice to Mariners prior to the effective date of the new editions and/or important corrections from other sources. Mariners are warned against the use of obsolete charts and publications as new editions contain information essential to safe navigation; however, such new editions are not valid until their availability is announced in the weekly Notice to Mariners.

## NAVIGATION PUBLICATIONS

## SAILING DIRECTIONS CORRECTIONS

**PUB 153        9 Ed 2000        LAST NM 1/03**

Page 37—Line 55/R to Page 38—Line 2/L; read:  
 vessels with drafts of up to 11m to enter. A channel,  
 dredged to a depth of 10m,  
 (US NM 39/21182/02)

3/03

**PUB 154        8 Ed 2002        LAST NM 50/02**

Page 77—Lines 14 to 15/R; read:  
 mile W. A small wharf used for  
 (Can NM 12W/02, Section 4)

3/03

Page 141—Lines 43 to 44/L; read:  
 velocity of 2 knots.  
 (Can NM 12W/02, Section 4)

3/03

Page 141—Lines 41 to 42/R; read:  
 least depth of 2.7m.  
 (Can NM 12W/02, Section 4)

3/03

Page 158—Lines 42 to 43/L; read:  
 deposition of waste pulp.  
 (Can NM 11W/02, Section 4)

3/03

**PUB 173        7 Ed 2002        LAST NM 51/02**

Page 156—Line 39/L; insert after:  
 It has been reported (2002) that several uncharted wrecks  
 lie in Anchorages A, B, and C. In addition, it has been re-  
 ported (2002) that two vessels with drafts of 10.5m have  
 grounded in Anchorage A. Mariners are advised to contact  
 local port authorities for current information on depths and  
 wrecks prior to arrival.

(BA NM 43/02) 3/03

**PUB 195        7 Ed 2002        LAST NM 2/03**

Page 45—Line 27/R; read:  
 Armbagen. It is reported (2002) that this light structure has  
 been destroyed and a lighted buoy is moored close E of the  
 ruins.

(2(30)02 Helsinki) 3/03

## COAST PILOT CORRECTIONS

**COAST PILOT 1        32 Ed 2001        Change No. 21        LAST NM 51/02**

Page 45—Paragraph 210, line 2; read:  
 Commandant for Marine Safety, Security and Environmental  
 Protection, ...  
 (28/02 CG5)

3/03

Page 45—Paragraph 212, line 2; read:  
 Coast Guard, Marine Safety, Security and Environmental

Protection, 2100 ...  
 (28/02 CG5)

3/03

Page 47—Paragraph 268, line 1; read:  
**§110.6 Portland Harbor, Portland, Maine (between ...**  
 (NOS/02)

3/03

Page 70—Paragraph 1005, line 9; read:  
 of Vessel Traffic Management (G-MWV), Coast Guard  
 Headquarters ...  
 (28/02 CG5)

3/03

Page 127—Paragraph 131, line 1; read:  
**Moose Peak Light** (44°28'28", 67°31'55"W.), 72 feet ...  
 (41/02 CG1)

3/03

Page 165—Paragraph 229, line 2; read:  
 wooded. **Eagle Island Light** (44°13'04"N., 68°46'04"W.),  
 106 feet ...  
 (36/02 CG1)

3/03

Page 183—Paragraph 5, line 1; read:  
**Franklin Island Light** (43°53'32"N., 69°22'29"W.), 57  
 feet ...  
 (36/02 CG1)

3/03

Page 192—Paragraph 201, line 2; read:  
**Goose Rock Passage Light 5** (43°50'56"N., 69°43'15"W.),  
 16 feet above the water and ...  
 (36/02 CG1)

3/03

Page 197—Paragraph 306, line 1; read:  
**Fuller Rock Light** (43°41'45"N., 69°50'01"W., 25 feet ...  
 (36/02 CG1)

3/03

Page 211—Paragraph 631, line 2 to Page 212—Paragraph  
 631, line 3; read:  
 Bay, is marked by **Cape Elizabeth Light** (43°33'58"N., 70°  
 12'00"W.), 129 feet above the water, shown from a 67-foot ...  
 (47/02 CG1)

3/03

Page 212—Paragraph 637, line 9; read:  
 a triangular red daymark, is on the south ...  
 (36/02 CG1)

3/03

Page 219—Paragraph 27, line 3; read:  
 wooded. **Wood Island Light** (43°27'24"N., 70°19'44"W.), 71  
 feet ...  
 (40/02 CG1)

3/03

Page 221—Paragraph 89, line 3; read:  
**Kennebunkport Breakwater Light 6** (43°20'46"N., 70°28'  
 34"W.), 25 feet above the ...  
 (36/02 CG1)

3/03

**COAST PILOT 1 (Continued)**

Page 231—Paragraph 325, lines 3 to 7; read:

about 10 miles above Portsmouth. In 2000-May 2002, the midchannel controlling depth was 4.1 feet to **Lower Narrows**. At and above Lower Narrows, and through **Upper Narrows** to the head of navigation at the dam, mariners are advised to consult local knowledge for channel conditions. The channel is privately marked with stakes.

(BPs 178770-78; CL 1766/02) 3/03

**COAST PILOT 2            31 Ed 2001            Change No. 23  
LAST NM 51/02**

Page 67—Paragraph 1196, line 3; read:

mile 2.3, 145<sup>th</sup> Street, mile 2.8, Macombs Dam, mile 3.2, 207<sup>th</sup> ...

(CL 1723/02; 33 CFR 117.789) 3/03

Page 118—Paragraph 109, line 7; read:

and is equipped with a fog signal, and a radar beacon ... (NOS/02) 3/03

Page 129—Paragraph 13, lines 4 to 7; read:

about 0.6 mile from shore. **Race Point Light** (42°03'45"N., 70°14'35"W.), 41 feet above the water, is shown from a white tower on the northwest point of Cape Cod.

(NOS/02; LL/01; 37/01 CG1) 3/03

Page 135—Paragraph 113, lines 4 to 5; read:

Gasoline, diesel fuel, water, ice, a pump-out station, and a launching ramp are available. In May 2002, 6 feet was reported alongside the dock. The ...

(CL 1567/02) 3/03

Page 139—Paragraph 179, line 4; read:

entrance near to the harbor. A fog signal is at the light.

(NOS/02) 3/03

Page 148—Paragraph 98, lines 4 to 5; read:

the pond north of the channel. In May 2001, the entrance channel into the pond had a midchannel controlling depth of 9.3 feet; ...

(BP 178898; CL 1832/02) 3/03

Page 163—Paragraph 61, line 5; read:

dwelling at Beavertail Point. A fog signal is ...

(NOS/02) 3/03

Page 176—Paragraph 35, lines 1 to 2; read:

**Block Island North Light** (41°13'39"N., 71°34'33"W.), 58 feet above the water, is shown from a brown tower on a gray granite ...

(37/02 CG1) 3/03

Page 178—Paragraph 69, line 3 to Page 179—Paragraph 69, line 8; read:

attached to a white building with a red roof, on **Watch Hill Point**.

(39/02 CG1) 3/03

Page 180—Paragraph 96, line 2; read:

the light, has least depths of 30 feet. **Great Eastern Rock**, 1.5 ...

(H-10984; BPs 177582-83) 3/03

Page 187—Paragraph 246, lines 3 to 6; read:

50 feet for hull and engine repairs. Berths with electricity, gasoline, diesel fuel, water, ice, storage facilities, a pump-out station, marine supplies, and a 30-ton lift are also available. Mariners in route to the boatyard should use the chart as a guide.

(CL 1358/02) 3/03

Page 274—Paragraph 204, lines 2 to 6; read:

River. **Fort Jay** is on the northern part of the island, and **Castle William** is on its northeast side. The main channel is westward of the island. Lights and fog signals are near the southern tip and on the northwest side of the island. The hexagonal-shaped structure of Fort Jay is prominent ...

(44/02 CG1; LL/02; NOS/02) 3/03

**COAST PILOT 2            31 Ed 2001            Change No. 24**

Page 114—Paragraph 16, lines 1 to 4; read:

**Aids to navigation.**—Lights, and buoys are the principal guides that mark the approaches to the important harbors. Many of the light stations have fog signals, particularly those in the vicinity of the larger ports.

(NOS/02) 3/03

Page 138—Paragraph 163, line 3 to Paragraph 164; read:  
clearance of 6 feet. In August 2002, a reported depth of 3 feet was in the approach to, and inside the marina on the west side of Green Pond just north of the bridge. Berths, diesel fuel, water, ice, repairs, and marine supplies are available at this facility.

(CL 1727/02; NOS 13229) 3/03

Page 205—Paragraph 219, lines 2 to 3; read:

0.3 mile southwest of Half Acre Rock in about 41°15'06"N., 72°39'36"W.

(NOS/02; NOS 12372) 3/03

Page 208—Paragraph 269, lines 2 to 4; read:

part of Middle Breakwater, anchorage is available for vessels up to a 19-foot draft. Caution should be exercised to ...

(H-11011; BPs 175703-06) 3/03

Page 214—Paragraph 361, lines 3 to 4; read:

inlet is marked by a long break in the bluffs. The outer end of the west ...

(CL 1882/02) 3/03

Page 253—Paragraph 19, line 1; read:

**Shinnecock Light** (40°50'31"N., 72°28'42"W.), 75 feet ... (43/02 CG1) 3/03

**COAST PILOT 2 (Continued)**

Page 257—Paragraph 104, line 4; read:

and **Babylon Cove**. In 1981, the channel, marked by ...  
(36/02 CG1) 3/03

**COAST PILOT 2      31 Ed 2001      Change No. 25**

Page 112—Paragraph 2783, line 3; read:  
as he may designate.

**§334.81 Narragansett Bay, East Passage, Coddington Cove, Naval Station Newport, Naval Restricted Area, Newport, Rhode Island.**

(a) *The area.* All of the navigable waters of Coddington Cove east of a line that connects Coddington Point at 41°31'24.0"N., 71°19'24.0"W.; with the outer end of the Coddington Cove breakwater on the north side of the cove at 41°31'55.7"N., 71°19'28.2"W.

(b) *The regulation.* All persons, swimmers, vessels and other craft, except those vessels under the supervision or contract to local military or Naval authority, vessels of the United States Coast Guard, and local or state law enforcement vessels, are prohibited from entering the restricted area without specific permission from the Commanding Officer, Naval Station Newport, USN, Newport, Rhode Island or his/her authorized representative.

(c) *Enforcement.* The regulation in this section, promulgated by the United States Army Corps of Engineers, shall be enforced by the United States Navy, Commanding Officer Naval Station Newport, and/or such agencies or persons as he/she may designate.

(FR 10/24/02) 3/03

Page 154—Paragraph 203, lines 11 to 15; read:  
marina is just above the bridge. Gasoline, water, ice, storage facilities, marine supplies, and hull and engine repairs are available. A flatbed trailer at the marina can haul out boats to 25 feet.

(CL 1738/01) 3/03

Page 165—Paragraph 103, line 7; read:  
shore and buildings at the shipyard are conspicuous.  
**Restricted Area.**—Coddington Cove is within a naval restricted area. (See **334.81**, chapter 2, for limits and regulations).

(FR 10/24/02) 3/03

Page 167—Paragraph 168, line 3; read:  
channel off **Gulf Point**. In November 2002, a sunken wreck in about 41°38.2'N., 71°19.2'W. was about 0.75 mile southeast of the entrance to Potter Cove. The north and south ends of Prudence Island ...  
(47/02 CG1) 3/03

Page 167—Paragraph 170, line 5; read:  
the fixed highway bridge about 0.5 mile above the entrance.  
In November 2002, a sunken wreck in about 41°43.65'N., 71°17.25'W. is on the west side of Warren River.  
(47/02 CG1) 3/03

Page 214—Paragraph 357, line 1; read:

**Horton Point Light** (41°05'06"N., 72°26'44"W.), 103 feet  
... (46/02 CG1) 3/03

Page 279—Paragraph 268, lines 5 to 8; read:

east jetty is awash at high water. The outer ends of the jetties are marked by a light. A dredged channel leads between the jetties to the Conrail ...

(LL/02; NOS/02) 3/03

**COAST PILOT 3      35 Ed 2002      Change No. 22      LAST NM 51/02**

Page 78—Paragraph 1444, line 9; read:  
of Vessel Traffic Management (G-MWV), Coast Guard Headquarters ...

(28/02 CG5; FR 6/18/02) 3/03

Page 196—Paragraph 99, line 5; read:  
in ruins.

A fixed highway bridge with a clearance of 145 feet crosses the James River about 0.6 mile below Dutch Gap.  
(CL 198/86; CL 1283/92) 3/03

**COAST PILOT 3      35 Ed 2002      Change No. 23**

Page 206—Paragraph 174, lines 3 to 4; read:  
the approach and 6.5 feet for 1.6 miles above the entrance, then shoaling to about 3 feet 0.7 mile farther up. The creek is used by ...

(CL 1152/02) 3/03

Page 209—Paragraph 31, lines 5 to 7; read:

**Point Lookout Light** (38°01'31"N., 76°19'25"W.), 39 feet above the water, shown from a skeleton tower with a black and white diamond-shaped daymark on a pile structure.

(46/02 CG5; LL/02) 3/03

Page 221—Paragraph 14, lines 3 to 6; read:

**Point No Point Light** (38°07'42"N., 76°17'24"W.), 52 feet above the water, is shown from a white octagonal brick dwelling on a brown cylinder, in depths of about 22 feet, 1.6 miles southeastward of the point. The light is ...

(46/02 CG5; LL/02) 3/03

**COAST PILOT 6      32 Ed 2002      Change No. 19      LAST NM 51/02**

Page 135—Paragraph 93, line 6; read:  
August 2002, the controlling depth was 6 feet in the ...  
(BP 179213) 3/03

Page 137—Paragraph 125, lines 3 to 4; read:

pier extends laterally E to enclose the bay. In August 2002, the controlling depth in the channel was 6.1 feet. The outer ends of the piers are ...

(BP 179263; CL 2013/02) 3/03

**COAST PILOT 6 (Continued)**

Page 268—Paragraph 316 to Paragraph 317, line 3; read:

In April 2002, the controlling depth was 19.2 feet (21.0 feet at midchannel) in the entrance and through the outer basin to Lake Macatawa (except for shoaling to 15.6 feet along the N edge of the channel in the outer basin); thence in September-October 2001, the controlling depths were 19.1 feet (20.6 feet at midchannel) to Superior Point, thence 16.3 feet (19.4 feet at midchannel) to the turning basin, with 17.7 to 18.0 feet in the basin, thence 15.1 feet (18.5 feet at mid-channel) to the head of the Federal project.

A dredged settling basin extends 900 feet upstream from the upper limit of the project in Macatawa River. In October 2001, the basin had depths of 4.1 to 7.2 feet. Dredging disposal areas ...

(DDs 2932-40) 3/03

Page 275—Paragraph 375, line 7; read:

April 2002, the controlling depth was 3.2 feet (3.5 feet at ... (DD 2819) 3/03

Page 275—Paragraph 382, line 8 to Page 276—Paragraph 383, line 4; read:

Turning basins are in the channel bend below the Franklin Street bridge and on the SW side of the channel in Trail Creek just above the Second Street bridge. A small-craft basin, on the NE side of the entrance channel, is entered through a cut in the E pier.

In April 2002, the controlling depths were 3.3 feet (3.6 feet at midchannel) between the breakwaters to the first turning basin, thence 6.1 feet in the turning basin, thence 2.1 feet to the E Street bridge.

(DDs 2805-08; CL 1670/97; CEM-Chicago/84) 3/03

Page 333—Paragraph 1035, lines 4 to 5; read:

of the entrance channel. In September 2001, the controlling depth was 1.8 feet (3.8 feet at midchannel) in the entrance channel ...

(DDs 2777-78) 3/03

Page 354—Paragraph 77, line 4; read:

outer end of the E pier are marked by lights. In June 2000-September 2001, the ...

(DD 1688; DD 2753) 3/03

Page 362—Paragraph 222, lines 5 to 8; read:

inside the breakwaters is marked by a buoy. In July 2001-May 2002, the controlling depth was 4.2 feet (4.7 feet at midchannel) in the entrance and in the channel to the harbor basin, thence depths of 3.7 to 8.0 feet were in the basin.

(DD 2779; DD 2942) 3/03

Page 363—Paragraph 251, lines 5 to 9; read:

private light on the S side. In October 2001, the controlling depths were 9.5 feet (10.0 feet at midchannel) in the dredged entrance channel to the S basin, thence 8.2 to 10.0 feet in the S basin (except for shoaling to 5.8 feet near the W edge of

the basin), thence 5.1 to 10.0 feet in the N basin.

(DD 2754) 3/03

Page 364—Paragraph 265, lines 6 to 11; read:

enter from N or S of the detached breakwater. In October 2001, the controlling depths were 8.0 feet in the S approach and 10.0 feet in the N approach (except for shoaling to 6.6 feet near the E edge of the L-shaped breakwater), thence 5.6 to 8.0 feet in the basin (except for shoaling to 3.4 feet in the NE corner).

(DD 2780) 3/03

Page 374—Paragraph 379, line 5; read:

May 2001, the controlling depth was 5.3 feet (7.5 feet at midchannel) ...

(DD 2798) 3/03

Page 375—Paragraph 385, lines 6 to 7; read:

Buoys mark the N and E limits of the area. In October 2001, the maneuvering area had depths of 25.8 to 30 feet.

(DD 2793) 3/03

Page 376—Paragraph 420, lines 6 to 8; read:

lights. In September 2000-October 2001, the controlling depth was 16.0 feet in the main harbor basin (except for gradual shoaling to 13.7 feet along the N edge); thence in 1999-October 2001, 5.2 to 8.0 feet in the small-craft basin with lesser depths ...

(DD 2792) 3/03

**COAST PILOT 6      32 Ed 2002      Change No. 20**

Page 138—Paragraph 139, lines 6 to 7; read:

In July 2002, the dredged channel had a controlling depth of 8.7 feet.

(BP 179215; CL 1933/02) 3/03

Page 308—Paragraph 706, lines 3 to 4; read:

the entrance channel. S of the entrance channel, the city has dredged ...

(LL/02; 35/02 CG9) 3/03

Page 376—Paragraph 411, lines 2 to 6; read:

lights, and a **028°** lighted range. Shoals are at the N end of the harbor and off the end of the breakwater on the S side of the harbor exit. All the aids in the harbor are private.

(40/01 CG9; LL/02; 35/02 CG9) 3/03

**COAST PILOT 6      32 Ed 2002      Change No. 21**

Page 157—Paragraph 78, lines 5 to 6; read:

sewage pump-out facilities are available. In 2002, depths of 5 feet were reported in the entrance with 4 feet alongside the

... (CL 2204/02) 3/03

**COAST PILOT 6 (Continued)**

Page 194—Paragraph 610, lines 8 to 13; read:

lights. In August 2002, the controlling depths were 3.8 feet (4.5 feet at midchannel) in the entrance channel and through the mouth of the creek to the Harbor Marine docks, thence 3.0 feet to E.J. Miller Boat Livery, thence about 0.2 foot to the head of the project.

(DDs 3437-42)

3/03

Page 230—Paragraph 111, line 3; read:

channels. In July 2002, the controlling depth was 1.3 feet in the ...

(DDs 3433-36)

3/03

Page 259—Paragraph 188, lines 5 to 6; read:

is at the N outer end light. In September 2002, the controlling depth was 10.9 feet (11.7 feet at midchannel) in ...

(DD 3503)

3/03

Page 260—Paragraph 221, lines 1 to 3; read:

In August 2001-September 2002, the controlling depths were 27.1 feet in the left half and 19.7 feet in the right half of the entrance channel and through the outer harbor basin to Pere Marquette Lake (except for shoaling to 16.6 feet along the S edge of the channel, NW of the South Breakwater light). In 1997, depths of 20 feet were available in the ...

(DD 3490; DD 2371)

3/03

Page 315—Paragraph 777, line 7 to Paragraph 778; read:

mouth is marked by a light.

In August 2002, the controlling depths were 13.9 feet in the left half and 17.1 feet in the right half of the entrance channel to the outer basin, thence 1.8 feet in the left half and 15.0 feet in the right half of the channel through the S part of the basin to the mouth of the river, thence 15 to 20 feet in the N part of the basin (except for lesser depths along the NW edge), thence 4.5 feet at midchannel to the South Eighth Street bridge, thence 2.7 feet (3.5 feet at midchannel) to the head of the project at Jefferson Avenue.

(DDs 3614-15; NOS 14922)

3/03

Page 334—Paragraph 1051, lines 5 to 16; read:

is on the S side of the channel about 1.2 miles above the mouth. The entrance channel is marked by buoys, and the outer ends of the piers and the inner end of the N pier are marked by lights. In September-October 2002, the controlling depths were 17.0 feet (21 feet at midchannel) in the entrance channel and between the piers to the Ogden Street bridge (except for shoaling to 13.9 feet along the S edge of the channel along the S pier entrance), thence 21 feet to a point about 300 yards above the turning basin (except for shoaling to 15.4 feet in the right outside quarter of the channel just above the Ogden Street bridge and to 8.2 feet in the right outside quarter of the channel above the turning basin), thence 17.1 to 21 feet in the turning basin with gradual shoaling to 2.0 feet along the SE edge, thence 8.0 feet (9.3 feet at midchannel) ...

(DDs 3495-98; NOS 14917)

3/03

Page 359—Paragraph 161, lines 1 to 4; read:

In October 2001, the controlling depths were 15.8 feet (22.9 feet at midchannel) in the entrance and through the mouth of Portage River to the N end of the harbor of refuge; the mooring pier on the W side of the harbor had a depth of 20.9 feet; thence in 1999-October 2001, 20.9 feet (23.6 feet at midchannel) in ...

(DDs 2681-88; DD 752)

3/03

Page 359—Paragraph 163, line 5; read:

Light, respectively. A shoal ...

(NOS 14972)

3/03

Page 359—Paragraph 163, lines 10 to 12; read:

side; caution is advised. Above Pilgrim Point, a dredged channel continues through the upper end of Portage Lake to a revetted dredged canal. In April 2000-October 2001, the controlling depth was 18.5 feet (23.9 feet at midchannel) to the canal.

(DDs 2673-80; DDs 1519-20)

3/03

Page 359—Paragraph 173, lines 4 to 6; read:

Portage Lake. In October 2001, the controlling depth was 19.4 feet (24.1 feet at midchannel) in the entrance and through the dredged canal to the upper end of Portage Lake. Mooring to the revetments is ...

(DDs 2670-73)

3/03

**COAST PILOT 7**

**34 Ed 2002**

**Change No. 1  
LAST NM 1/03**

Page 63—Paragraph 538, line 2; read:

Commandant for Marine Safety, Security and Environmental Protection, ...

(28/02 CG5)

3/03

Page 63—Paragraph 540, line 2; read:

Coast Guard, Marine Safety, Security and Environmental Protection, 2100 ...

(28/02 CG5)

3/03

Page 141—Paragraph 3505, line 3 to Paragraph 3506; read:  
geographical positions:

Latitude	Longitude
33°35.50'N	118°14.00'W.
33°18.70'N	118°06.75'W.

**§167.1300 through §167.1332**

[The International Maritime Organization's Maritime Safety Committee approved changes to the existing traffic separation schemes (TSS) in the Strait of Juan de Fuca and Its Approaches, Puget Sound and Its Approaches, and added TSSs and other routing measures in Haro Strait, Boundary Pass, and in the Strait of Georgia. These changes take effect 1 December, 2002. The revised limits are depicted on the most recently published NOAA nautical charts. The final regulations governing the use of the aforementioned TSS

**COAST PILOT 7 (Continued)**

have not been approved as of this writing. When these regulations are published in the Federal Register, they will be added to this Coast Pilot through an amendment published in NIMA's Notice to Mariners, the 13<sup>th</sup> Coast Guard District's Local Notice to Mariners, and on Coast Pilot's critical correction website at <http://critcorr.ncd.noaa.gov.>] (From International Maritime Organization COLREGS.2/Cir.51 para 1.5 (May 31, 2002))

**Part 168—Escort Requirements for Tankers Escort Requirements for Certain Tankers****§168.01 Purpose.**

(NOS/02; FR 8/27/02)

3/03

Page 170—Paragraph 3, lines 3 to 6; read:

more lights. Fog signals are at most of the principal light stations. Many coastal and harbor buoys are equipped ...

(NOS/02)

3/03

Page 339—Paragraph 83, lines 1 to 3; read:

Vessels desiring a pilot should proceed to the pilot boarding area at 48°09'39.8"N., 123°23'17.9"W., about 1.4 miles NNE of the E end of Ediz Hook. A pilot ladder should be rigged in compliance with ...

(CL 2034/02)

3/03

Page 460—Paragraph 932, lines 10 to 12; read:

The broken part of the reef is practically always marked by breakers. The wide shelf of the bank is outside the broken part of the reef.

(NOS 19441)

3/03

Page 460—Paragraph 934, line 1; read:

There are no known dangers more than 3.3 miles from the ...

(NOS 19441)

3/03

Page 460—Paragraph 935; strike out.

(NOS 19441)

3/03

Page 471—Paragraphs 2 to 5; read:

Federal Aviation Administration  
 National Aeronautical Charting Office  
 Distribution Division (AVN-530)  
 6303 Ivy Lane, Suite 400  
 Greenbelt, MD 20770-6325.  
 (CL 1685/02)

3/03

Page 471—Paragraph 6, lines 7 to 11; read:

301-436-8301 or toll-free 1-800-638-8972 (Visa, Mastercard or Discover accepted); or by FAX, 301-436-6829 or by Email: 9-AMC-Chartsales@faa.gov. Sales ...

(CL 1685/02)

3/03

**COAST PILOT 7****34 Ed 2002****Change No. 2**Page 131—Paragraph 3122, line 3; read:  
Anchorage G and the Middle Breakwater.**§165.1155 Security Zone; Diablo Canyon Nuclear Power Plant, Avila Beach, California.**(a) *Location.* The following area is a security zone:

All waters of the Pacific Ocean, from surface to bottom, within a 2,000 yard radius of Diablo Canyon Nuclear Power Plant centered at position 35°12'23"N., 120°51'23"W. [Datum: NAD 83].

(b) *Regulations.*

(1) In accordance with the general regulations in §165.33 of this part, entry into or remaining in this zone is prohibited unless authorized by the Coast Guard Captain of the Port, Los Angeles-Long Beach, or his or her designated representative.

(2) Persons desiring to transit the area of the security zone may contact the Captain of the Port at telephone number 1-800-221-8724 or on VHF-FM channel 16 (156.8 MHz). If permission is granted, all persons and vessels must comply with the instructions of the Captain of the Port or his or her designated representative.

(c) *Authority.* In addition to 33 U.S.C. 1231, the authority for this section includes 33 U.S.C. 1226.

(33 CFR 165.1155; FR 3/29/02) 3/03

Page 215—Paragraph 44, line 4; read:

conspicuous from well offshore. A **security zone** has been established in the waters of the Pacific Ocean off Diablo Canyon. (See **165.1155**, chapter 2, for limits and regulations.)

(33 CFR 165.1155; FR 3/29/02) 3/03

**COAST PILOT 9****20 Ed 2002****Change No. 9  
LAST NM 51/02**Page 175—Paragraph 156, lines 7 to 8; read:  
daybeacon marks the E side of the harbor entrance. In June 2002, the controlling depth was 13.3 feet at midchannel in the approach ...

(BP 179212) 3/03

Page 188—Paragraph 426, lines 6 to 7; read:

protects the channel from shoaling. In June 2002, the controlling depth was 8 feet in the entrance channel and basin except for ...

(BP 179211) 3/03

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14395	- LIGHT 6		Fl R 4s	16	3	TR on multi-pile structure.	
*							
							3/03
<b>New Point Comfort Shoal</b>							
14415	- Channel Buoy 1NP	37 17 30 N 76 11 34 W				Green can.	
		*					3/03
14440	York Spit Daybeacon 6	37 13 34 N 76 16 50 W				TR on pile.	
		*					3/03
14465	- LIGHT 5		Q G	15	3	SG on pile.	
			*				3/03
14475	- LIGHT 7		Fl G 4s	15	4	SG on pile.	
			*	*			3/03
14485	- LIGHT 8		Fl R 6s	16	4	TR on pile.	
			*				3/03
14490	- LIGHT 10		Fl R 2.5s	15	3	TR on multi-pile structure.	
			*				3/03
<b>Winter Harbor</b>							
14525	- CHANNEL LIGHT 1	37 21 59 N 76 14 44 W	Fl G 2.5s	15	3	SG on pile.	
		*					3/03
17165	- LIGHT 3		Fl G 6s	15	4	SG on pile.	
			*				3/03
17295	WICOMICO RIVER LIGHT 3W		Fl G 2.5s	15	3	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
			*				3/03
17300	COBB ISLAND LIGHT 2	38 15 56 N 76 50 22 W	Fl R 4s	15	3	TR on pile.	
		*		*			3/03
<b>Cuckold Creek</b>							
17620	- LIGHT 1	38 18 49 N 76 55 49 W	Fl G 2.5s	15	3	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
		*					3/03
17630	- LIGHT 3		Fl G 4s	15	4	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
			*				3/03

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
 Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Potomac River</b>							
17700	- LIGHT 30 On lower end of shoal.	38 19 43 N 76 59 01 W	Fl R 4s	29	5	Red ball, cylindrical cage and column on white cylindrical pier.	
		*					3/03
17760	Mathias Point Warning Daybeacon	38 23 35 N 77 01 23 W				NW on pile worded DANGER ROCK.	
		*					3/03
17882	Melompkin Point Warning Daybeacon	32 22 32 N 77 08 35 W				NW on pile worded DANGER ROCKS.	Marks rip-rap from previous Lighthouse.
		*					3/03
17895	MARYLAND POINT LIGHT	38 20 59 N 77 11 51 W	Fl W 6s (2 R sectors)	42	W R 6 5	NB on skeleton tower and small white house on piles.	Red from 243° to 285° and 063° to 105°.
		*					3/03
<b>Aquia Creek</b>							
17970	- LIGHT 2	38 22 56 N 77 18 15 W	Fl R 4s	15	3	TR on multi-pile structure.	
		*			*		3/03
17975	- LIGHT 3		Q G	15	3	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
					*		3/03
17995	- LIGHT 6		Q R	15	3	TR on pile.	Light equipment removed from Dec. 1 to Mar. 15.
					*		3/03
18005	- LIGHT 10	38 23 39 N 77 19 02 W	Fl R 4s	15	3	TR on pile.	Light equipment removed from Dec. 1 to Mar. 15.
		*			*		3/03
18030	CLIFTON BEACH LIGHT	38 24 57 N 77 15 57 W	Fl W 4s	20	6	NR on pile.	
		*			*		3/03
18130	MATTAWOMAN CREEK LIGHT 3		Fl G 2.5s	15	3	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
					*		3/03
18135	MATTAWOMAN CREEK LIGHT 5		Fl G 4s	15	3	SG on pile.	Light equipment removed from Dec. 1 to Mar. 15.
					*		3/03
18445	- Lighted Buoy 8		Q R			Red.	Private aid.
		*					3/03
20385	- LIGHT 3		Fl G 4s	15	4	SG on pile.	
		*					3/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME II LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
20415	- LIGHT 5		Fl G 4s	15	4	SG on pile.	
				*			3/03
*23673	<i>Clay Island Shoal Wreck Lighted Buoy WR1</i> Marks sunken barge.	38 12 45 N 75 57 24 W	Q G		3	Green.	
							3/03
<b>OCRACOKE INLET AND NORTHERN CORE SOUND (Chart 11550)</b>							
<b>Ocracoke Inlet</b>							
<i>Due to frequently changing conditions, positions of aids are not listed.</i>							
28895 665	- Entrance Lighted <i>Whistle Buoy OC</i>		Mo (A) W		6	Red and white stripes with red spherical topmark.	
				*			3/03
40250	- LIGHT 51		Fl G 4s	15	4	SG-SY on pile.	
				*			3/03

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
27725	- Daybeacon 48				TR on pile.		Private aid.
	*		*				3/03
27730	- LIGHT 50		Q R		TR on pile.		Private aid.
	*		*				3/03
27775	- Daybeacon 65						<i>Remove from list.</i>
				*			3/03
27805	- LIGHT 72		Fl R 4s		TR on pile.		Private aid.
	*		*				3/03
<b>Lake Worth South</b>							
46875	- LIGHT 12	26 42 55 N 80 02 51 W	Fl R 4s	12	3	TR-TY on pile.	
	*						3/03
<i>*Add Heading: *Pine Island East Channel</i>							
*56509	- Daybeacon 1	26 42 14 N 82 08 48 W			SG on pile.		Private aid.
							3/03
*56509.1	- Daybeacon 2				TR on pile.		Private aid.
							3/03

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## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME III ATLANTIC AND GULF COAST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
*56509.2	- Daybeacon 4				TR on pile.	Private aid.	
							3/03
*56509.3	- Daybeacon 5				SG on pile.	Private aid.	
							3/03
*56509.4	- Daybeacon 7				SG on pile.	Private aid.	
							3/03
*56509.5	- Daybeacon 9				SG on pile.	Private aid.	
							3/03
*56509.6	- Daybeacon 11				SG on pile.	Private aid.	
							3/03
*56509.7	- Daybeacon 13				SG on pile.	Private aid.	
							3/03
*56509.8	- Junction Daybeacon A				JR on pile.	Private aid.	
							3/03
<b>*Add Heading: *Pine Island West Channel</b>							
*56509.9	- Daybeacon 1	26 42 09 N 82 09 00 W			SG on pile.	Private aid.	
							3/03
56510	- Daybeacon 3				SG on pile.	Private aid.	
		*	*	*	*	*	
							3/03
*56510.1	- Daybeacon 5				SG on pile.	Private aid.	
							3/03
<b>*Add Headings: *CHARLOTTE HARBOR TO TAMPA BAY (Chart 11425) *Charlotte Harbor *Gasparilla Sound Channel</b>							
*56512	- LIGHT 1	26 44 24 N 82 15 00 W	F1 G 2.5s	16	4	SG-SY on pile.	
							3/03

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
17637.4	Grand Bayou Dularge Buoy 3	29 12 01 N 90 57 24 W				Green can.	
		*					3/03

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO C. G. LIGHT LIST, VOLUME IV LIGHT LIST, 2002

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
<b>Devils Elbow</b>							
20905 33745	- JUNCTION LIGHT 150 feet outside channel limit.	30 06 14 N 93 18 26 W	Fl (2+1) R 6s	23	3	JR-TY on skeleton tower.	
	*						3/03
<b>New Orleans - Port Arthur</b>							
33745 20905	DEVILS ELBOW JUNCTION LIGHT 150 feet outside channel limit.	30 06 14 N 93 18 26 W	Fl (2+1) R 6s	23	3	JR-TY on skeleton tower.	
	*						3/03

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Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
9756 K 3242	Piper Reef.	12° 15.2' S 143° 14.8' E	Fl.(4)W. period 20s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 10s	39 12	10	Steel framework tower on concrete piles; 39.	
	RACON	*	G(---)	*	*		3/03
14940 G 3513.6	Yameta.	24° 47.0' N 108° 05.0' W	Fl.(4)W. period 16s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 2s fl. 1s, ec. 6s	43 13	10	White round concrete tower, 33.	
		*		*	*		3/03
14944 G 3513.5	Puerto de Altata.	24° 37.0' N 107° 55.0' W	Fl.W. period 6s fl. 1s, ec. 5s	46 14	10	Truncated pyramidal aluminum tower; 39.	
				*			3/03
14952.2 G 3513.25	Punta La Tonina.	24° 30.2' N 107° 40.6' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	49 15	10	Metal tower; 49.	
				*			3/03
14960 G 3512	Punta Piaxtla.	23° 38.8' N 106° 49.1' W	Fl.(3)W. period 12s fl. 1s, ec. 2s fl. 1s, ec. 5s	98 30	12	White round concrete tower, red bands; 36.	
				*			3/03
<b>MAZATLAN:</b>							
14964 G 3504	-Isla Creston.	23° 10.7' N 106° 25.7' W	Fl.W. period 7s	515 157	30	White square concrete tower, dwelling; 23.	Visible 310°-140°. F.R. on radio mast at Mazatlan appears to vessels to S. to be of same height as this light.
	-RACON		C(---)		20		
				*	*		3/03
14968 G 3504.6	-Piedra Negra.	23° 10.0' N 106° 25.1' W	Fl.(2)W. period 10s fl. 1s, ec. 2s fl. 1s, ec. 6s	26 8	10	White square concrete column, concrete base; 20.	
				*			3/03
14972 G 3506	-Isla Chivos, E. breakwater.	23° 10.7' N 106° 25.1' W	Fl.R. period 5s fl. 0.5s, ec. 4.5s	52 16	7	Red concrete column; 30.	
				*			3/03

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 111, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
14976 <i>G 3507</i>	-W. breakwater.	23° 10.8' N 106° 25.2' W	Fl.G. period 5s fl. 0.5s, ec. 4.5s	52 <b>16</b>	7	Green concrete column; 30.	
		*		*			3/03
14978 <i>G 3507</i>	-N. breakwater.	23° 11.1' N 106° 25.1' W	Iso.G. period 2s	10 <b>3</b>	5	White round metal column.	
		*		*			3/03
14978.5 <i>G 3507.6</i>	-Transport Jetty.	23° 11.3' N 106° 25.0' W	Fl.G. period 3s fl. 0.5s, ec. 2.5s	30 <b>9</b>	6	White truncated pyramidal metal tower; 24.	
		*		*			3/03
14980 <i>G 3505</i>	-Harbor channel Range, front.						<i>Remove from list.</i>
							*
14984 <i>G 3505.1</i>	--Rear, 1,450 meters 018°30' from front.						<i>Remove from list.</i>
							*
14989 <i>G 3508.8</i>	-Harbor Canal Range, front.						<i>Remove from list.</i>
							*
14990 <i>G 3508.81</i>	--Rear.						<i>Remove from list.</i>
							*
14992 <i>G 3504.4</i>	-Harbor entrance channel Range, front.	23° 12.9' N 106° 24.2' W	Fl.W. period 3s fl. 1s, ec. 2s	56 <b>17</b>	13	Orange truncated pyramidal metal tower; 48.	
		*		*			3/03
14996 <i>G 3504.41</i>	--Rear, 500 meters 023° from front.	23° 13.1' N 106° 24.0' W	Iso.W. period 2s	69 <b>21</b>	13	Orange truncated pyramidal metal tower; 62.	
		*		*			3/03
*14997 <i>G 3505</i>	-Harbor channel Range, front.	23° 12.6' N 106° 24.4' W	Fl.W. period 3s fl. 1s, ec. 2s	52 <b>16</b>	8	Orange truncated pyramidal metal tower; 46.	
		*		*			3/03
*14997.5 <i>G 3505.1</i>	--Rear, 1450 meters 018°30' from front.	23° 13.4' N 106° 24.2' W	Iso.W. period 2s	158 <b>48</b>	8	Orange truncated pyramidal metal tower; 23.	
		*		*			3/03

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
4895 <i>E 0316.3</i>	-El Arenal, shelter dike, head.	39° 30.2' N 2° 44.9' E	Fl.(3)G. period 8s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4.5s	26 8	5	Round green tower; 13.	
			*	*			3/03
4900 <i>E 0316.7</i>	-L'an Pastilla, outer breakwater, head.	39° 32.0' N 2° 43.1' E	Fl.(4)R. period 11s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 6s	26 8	5	Red tower on concrete base; 20.	
			*	*	*		3/03
4901 <i>E 0316.72</i>	-E. breakwater, head.	39° 32.0' N 2° 43.1' E	Fl.(4)G. period 11s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 6s	20 6	3	Green tower; 16.	
			*				3/03
*4949 <i>E 0328.31</i>	-Marina, outer mole, NE corner.	39° 34.0' N 2° 37.8' E	Fl.(2)R. period 7s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	13 4	1	Red post; 10.	
							3/03
*4972 <i>E 0328.36</i>	--S. end.	39° 33.7' N 2° 37.7' E	Fl.R. period 3s fl. 0.5s, ec. 2.5s	16 5	1	Red column; 3.	
							3/03
5000 <i>E 0328.7</i>	-Cala Nova, Yacht school, S. mole.	39° 33.0' N 2° 36.0' E	Fl.(2)R. period 7s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	23 7	5	Red column; 10.	
			*	*			3/03
5004 <i>E 0328.75</i>	--N. mole.	39° 33.0' N 2° 36.0' E	Fl.(2)G. period 7s fl. 0.5s, ec. 1.5s fl. 0.5s, ec. 4.5s	23 7	3	Green column; 10.	
			*	*			3/03
5013 <i>E 0333</i>	-Santa Ponza, breakwater, head.	39° 30.9' N 2° 27.9' E	Fl.(3)G. period 8s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4.5s	33 10	5	Green column on white hut; 16.	
			*	*			3/03
5014 <i>E 0333.2</i>	-Punta de Caleta.	39° 30.8' N 2° 28.0' E	Fl.(3)R. period 8s fl. 0.5s, ec. 1s fl. 0.5s, ec. 1s fl. 0.5s, ec. 4.5s	33 10	3	Red column on white hut; 13.	
			*				3/03

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.  
 Denotes a new entry when preceding the station number.

## SECTION II

### CORRECTIONS TO PUB 113, LIST OF LIGHTS, 2002 EDITION

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
20244 <i>E 4722</i>	-Akra Ammoglossa.	36° 55.0' N 27° 16.8' E	F.I.R. period 4s fl. 0.8s, ec. 3.2s	23 7	9	Metal framework on square hut, red band; 16.	Visible 080°-320°.
		*	*	*			3/03

**Note:** Asterisks (\*) indicate that column(s) in which a correction has been made or new information added.

Denotes a new entry when preceding the station number.

## SECTION II

PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 3/03

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.	NIMA Reference No.	Ed.	Notice to Mariners No.
<b>NIMA HYDRO CATALOG CATP2V01U</b>			SDPUB145	2000	13*,14,18,19,22,26,32,37,38,46,47,51,53/00;1,4,5,7,10,12,28,29,35,52/01;14,27/02	COMDTM165022	2002	16*,17,18,19,20,21,22,23,25,26,27,28,29,30,31,32,33,34,35,36,37,40,41,42,43,44,45,46,47,48,49,50,51,52/02;1,2,3/03
Region 1	2002	1*,2,3/03	SDPUB146	2000	26*,28,32,33,38,45,46,48,51/00;2,5,10,27,28,29,31,38/01;15,29/02	COMDTM165023	2002	35*,36,37,40,41,42,43,44,45,46,47,48,49,50,51/02;1,2,3/03
Region 2	2002	1/03*	SDPUB147	2001	35/01*;21,22,23,24/02	COMDTM165024	2002	30*,31,32,33,34,35,36,37,40,41,42,43,45,46,47,48,49,50,51,52/02;1,2,3/03
Region 3	2002	1/03*	SDPUB148	2001	48/01*;23,24/02	COMDTM165025	2002	16/02*
Region 4	2002	1/03*	SDPUB153	2000	6/01*;28,30,41,44,46,47,48,52/02;1,3/03	COMDTM165026	2002	35*,36,40,41,42,43,44,45,46,47,48,49,50,51,52/02;1,2,3/03
Region 5	2002	1*,3/03	SDPUB154	2002	17*,19,31,42,44,45,46,48,50/02;3/03	COMDTM165027	2002	16*,17,18,19,20,21,22,23,25,27,29,30,32,33,34,36,37,40,43,45,46,47,48,50,51,52/02;1/03
Region 6	2002	1/03*	SDPUB155	2001	31*,48/01;10,45,46/02	FLEET GUIDES		
Region 7	2002	1/03*	SDPUB157	2000	20*,27,29,33,34,35,38,41,44,48/00;1,3,4,6,7,11,12,13,21,23,32,47/01;2,5,9,13,14,20,22,27,38/02	FGPUB940ATL	2001	N47/01*
Region 8	2002	1/03*	SDPUB158	2000	50/00*;5,10,12,13,15,17,20,24/01;46/02	FGPUB941PAC	2001	N22/01*
Region 9	2002	1/03*	SDPUB159	2002	42*,48/02	<b>NOS MISCELLANEOUS PUBLICATIONS</b>		
Miscellaneous Charts and Publications	2002	1*,2/03	SDPUB160	2002	47*,48,49,52/02	NOSPCATALOG1	2000	20/00*
			SDPUB161	2002	23*,24,44,47,48/02	NOSPCATALOG2	2000	34/00*
			SDPUB162	2001	51/01*	NOSPCATALOG3	2000	28/00*
			SDPUB163	2002	18*,20,21,26,46,51/02	NOSPCATALOG4	2000	34/00*
			SDPUB164	2000	30/00*;31,35,36/01	<b>ALMANACS</b>		
			SDPUB171	2001	40*,47,48,52/01;5,9,14,16,41/02	AIRALMANAC301	2003	44/02*
			SDPUB172	2001	1*,2,3,5,6,7,8,9,14,15,16,17,18,19,20,22,24/02;1/03	NAUTALMANAC03	2003	44/02*
			SDPUB173	2002	50*,51/02;3/03	<b>COAST PILOT</b>		
			SDPUB174	2000	7*,19,37,45,51,52/01;1,5,14,19,22,28,33,37,38,48/02	NOSPBCP1	32	37*,39,41,47,51/01;1,5,7,13,18,33,37,39,42,45,49,51/02;3/03
			SDPUB175	2001	41*,43,45,51/01;8,11,12,13,14,16,17,21,27,37,41,49/02	NOSPBCP2	31	44*,47,51,52/01;5,7,12,13,18,23,33,37,39,42,45,48,51/02;3/03
			SDPUB180	2002	32*,33,42,47,48,50/02	NOSPBCP3	35	3*,5,7,12,15,17,18,21,22,27,28,33,37,42,45,49,51/02;3/03
			SDPUB181	2002	38*,39/02	NOSPBCP4	34	49*,51/02
			SDPUB182	2001	8*,10,12,41/02	NOSPBCP5	30	2/03*
			SDPUB183	2001	27/01*;13,15,16/02	NOSPBCP6	32	19*,20,21,33,39,45,47,49,51/02;3/03
			SDPUB191	2000	5*,7,8,9,10,11,12,13,14,15,16,17,18,19,20,22,23,27,28,29,30,31,33,34,36,44,45,47,48/01;10,14,15,16,17,45,50/02;2/03	NOSPBCP7	34	1*,3/03
			SDPUB192	2000	14*,16,17,18,24,26,31,36,38,39,46/00;4,14,17,21,22,23,25,26,28,30,31,32/01;11,12,13,14,15,16,22,23,27,36,37,42,48,52/02;2/03	NOSPBCP8	24	3*,5,16,17,19,23,33,37,40,47,50,51/02
			SDPUB193	2000	27*,38,49/00;9,26,27,31,32/01;14,15,26,52/02	NOSPBCP9	20	12*,20,23,33,37,45,50,51/02;3/03
			SDPUB194	2000	51/00*;9,11,24,26,29,32,34,35/01;11,14,18,19,20,22,23,24,25,26,27,29,30,33/02	<b>RADIO NAVIGATIONAL AIDS</b>		
			SDPUB195	2002	33*,40,49,51,52/02;1,2,3/03	RAPUB117	2002	50/02*
			SDPUB200	2002	38*,39,42/02	<b>AMERICAN PRACTICAL NAVIGATOR</b>		
						NVPUB9	2002	36/02*
						<b>INTERNATIONAL CODE OF SIGNALS</b>		
						NVPUB102	1999	46/99*/52/01
						<b>WORLD PORT INDEX</b>		
						NVPUB150	2000	50/00*:14,15,16,20,21,41,42,43,44,45,46,47,48,49,51,52/01;1,2,5,6,10,11,12,16,19,21,22,27,31,32,33,36,39,40,42,46,49/02;2/03
						<b>DISTANCES BETWEEN PORTS</b>		
						NVPUB151	2001	4/02*

## SECTION II

**PUBLICATIONS AFFECTED BY NOTICE TO MARINERS  
THROUGH NM 3/03**

Note: \* indicates New Edition/New Publication; \*\* indicates Publication Canceled; N indicates Not For Sale

NIMA Reference No.	Ed.	Notice to Mariners No.		
<b>RADAR NAVIGATION AND MANEUVERING BOARD MANUAL</b> CDPUBNV1310	2001	51/01*		
<b>SIGHT REDUCTION TABLES (MARINE)</b>				
SRPUB229V1	1970	11/71*		
SRPUB229V2	1970	11/71*		
SRPUB229V3	1970	7/71*		
SRPUB229V4	1970	3/71*		
SRPUB229V5	1970	3/71*		
SRPUB229V6	1970	23/70*		
<b>SIGHT REDUCTION TABLES (AIR)</b>				
SRPUB249V1	2000	4/01*		
SRPUB249V2	1952	46/52*		
SRPUB249V3	1952	46/52*		
<b>CHART NO. 1</b> WOBZC1	1997	18/98*		
<b>CHART NO. 4</b> WOBZC4	1988	N20/89*		
<b>ATLAS OF PILOT CHARTS</b>				
NVPUB107	1998	30/99*		
NVPUB109	2001	49/02*		
<b>USCG NAVIGATION RULES</b> COMDTM166722D	1999	44/99*;52/00		
<b>NOS TIDE TABLES</b>				
NOSPBTTCWPACIN2	2002	N52/01*		
NOSPBTTECSTNSA2	2002	N52/01*		
NOSPBTTEURAFR2	2002	N52/01*		
NOSPBTWCSTNSA2	2002	N52/01*		
<b>TIDAL CURRENT TABLES</b>				
NOSPBTCTATCSTN2	2002	N52/01*;N9/02		
NOSPBTCTPACAS2	2002	N52/01*		

## SECTION III

NM 3/03

### BROADCAST WARNINGS

Details concerning the particulars of the broadcasting of radio navigational warnings may be found in Radio Navigational Aids, Pub. 117.

#### NAVAREA IV

Messages in force 021200Z January 2003:

2001 series	219(GEN)	365(14)	468(GEN)	514(11,26)
393(GEN)	346(GEN)	367(GEN)	480(11)	515(GEN)
2002 series	351(11)	457(11)	487(11)	

The summary of all NAVAREA IV messages in force as of 12 December 2002 is given in Section III of NM 52/02.

#### NAVAREA IV WARNINGS issued from 261200Z December 2002 to 021200Z January 2003.

513/02. CANCELED.

514/02(11,26). NORTH ATLANTIC. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS:
  - A. 0500Z TO 0459Z COMMENCING DAILY  
30 DEC THRU 05 JAN IN AREA BOUND BY  
30-45.0N 080-32.0W, 30-45.0N 079-40.0W,  
30-37.5N 079-40.0W, 30-34.0N 080-33.0W.
  - B. 0500Z TO 0459Z COMMENCING DAILY  
30 DEC THRU 05 JAN IN AREA BETWEEN  
29-20.0N 29-10.0N AND 079-50.0W 079-40.0W.
  - C. 021300Z TO 030459Z JAN IN AREA BETWEEN  
29-40.0N 29-50.0N AND 080-40.0W 080-30.0W.
2. CANCEL THIS MSG 060559Z JAN 03.

(271315Z DEC 2002)

515/02(GEN).

1. NAVAREA IV MESSAGES IN FORCE 281000Z DEC 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2002 SERIES: 457(11), 468(GEN), 480(11), 487(11), 508(11,26),  
511(GEN), 514(11,26).
2. THE SUMMARY OF ALL NAVAREA IV MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02, 26/02 AND 39/02.
3. CANCEL NAVAREA IV 509/02, 513/02.

(281010Z DEC 2002)

516/02 thru 518/02. CANCELED.

## SECTION III

## HYDROLANTS

Messages in force 021200Z January 2003:

2000 series	2916(37)	2171(57)	2737(35,36)	2848(37)	2880(24)
1569(36)	2948(36)	2203(51)	2739(53)	2854(24)	2881(24)
2353(36)	3161(44)	2294(53)	2750(24,57)	2855(GEN)	2882(54)
2937(38)	2002 series	2307(24)	2779(57)	2857(24)	2883(54)
3762(43)	134(37)	2354(53)	2789(51)	2858(24)	2884(36)
4265(44)	245(GEN)	2484(22)	2794(57)	2859(55)	2003 series
2001 series	246(GEN)	2550(GEN)	2799(54)	2860(38)	1(24)
470(53)	383(53)	2554(35)	2802(52)	2862(52)	2(24)
611(44)	946(53)	2567(36,37,51)	2803(52)	2866(54)	3(37)
1116(36)	1065(53)	2588(24)	2804(53)	2867(52)	4(37)
1798(37)	1066(37)	2633(54)	2808(24)	2868(57)	5(53)
1885(44)	1290(53)	2654(24)	2824(24)	2869(52)	6(37)
2066(37)	1485(24)	2673(GEN)	2828(53)	2870(56)	7(37)
2659(GEN)	1895(23)	2681(52,53)	2831(37)	2872(53)	8(36)
2700(37)	2027(GEN)	2682(51)	2838(37)	2875(GEN)	
2706(37)	2105(53)	2711(54)	2842(55)	2877(GEN)	
2864(53)	2156(GEN)	2733(52)	2845(55)	2879(24)	

The summary of all HYDROLANTS in force as of 12 December 2002 is given in Section III of NM 52/02.

**HYDROLANT WARNINGS issued from 261200Z December 2002 to 021200Z January 2003.**

2845/02(55). BLACK SEA.

1. SEISMIC SURVEY IN PROGRESS UNTIL 28 FEB BY  
M/V AKADEMIK SHATSKIY TOWING 6000 METER LONG  
CABLE IN AREA BOUND BY 43-52.4N 038-00.6E,  
44-01.8N 038-08.3E, 43-55.2N 038-25.5E,  
43-53.8N 038-24.5E, 43-43.0N 038-52.0E,  
43-34.8N 038-46.0E. WIDE BERTH REQUESTED.
2. CANCEL HYDROLANT 2705/02(52) AND 2825/02(52).
3. CANCEL HYDROLANT 2763/02.
4. CANCEL THIS MSG 01 MAR 03.

(261249Z DEC 2002)

2846/02 and 2847/02. CANCELED.

2848/02(37). DOVER STRAIT.

CHART 37129 (6TH ED).

1. DANGEROUS WRECK IN 51-22.0N 002-12.8E MARKED BY:  
A. NORTH, EAST AND WEST CARDINAL BUOYS.  
B. TWO SOUTH CARDINAL BUOYS, MOST EASTERLY WITH RACON.
2. UNDERWATER OPERATIONS IN PROGRESS UNTIL  
FURTHER NOTICE WITHIN 700 METERS OF WRECK.  
VESSELS REQUESTED TO PASS SOUTH OF BUOYS.
3. DANGEROUS WRECK MARKED BY BUOY IN 51-19.4N 002-13.7E.
4. CANCEL HYDROLANT 2836/02.

(270140Z DEC 2002)

2849/02 thru 2853/02. CANCELED.

2854/02(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 31 DEC BY  
M/V RAMFORM EXPLORER TOWING EIGHT 6853 METER  
LONG CABLES IN AREA BOUND BY  
00-19.7S 043-40.5W, 00-29.0S 043-32.0W,  
00-51.4S 043-56.0W, 00-41.7S 044-04.5W.  
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 01 JAN 03.

(280720Z DEC 2002)

2855/02(GEN).

1. HYDROLANT MESSAGES IN FORCE 281100Z DEC 2002. ONLY THOSE  
MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2002 SERIES: 2550(GEN), 2554(35), 2567(36,37,51), 2588(24),  
2633(54), 2654(24), 2673(GEN), 2681(52,53), 2682(51),  
2711(54), 2733(52), 2737(35,36), 2739(53), 2750(24,57),  
2764(55), 2777(GEN), 2779(57), 2789(51), 2794(57), 2799(54),  
2802(52), 2803(52), 2804(53), 2808(24), 2819(37), 2824(24),  
2828(53), 2831(37), 2838(37), 2840(GEN), 2842(55), 2843(24),  
2845(55), 2848(37), 2849(24), 2850(24), 2853(52), 2854(24).
2. THE SUMMARY OF ALL HYDROLANT MESSAGES IN FORCE AS OF  
13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS

## SECTION III

ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED  
IN NM 13/02, 26/02 AND 39/02.

3. CANCEL HYDROLANT 2489/02, 2493/02, 2526/02, 2814/02.

(281110Z DEC 2002)

2856/02. CANCELED.

2857/02(24). BRAZIL-EAST COAST.

AIRCRAFT UNREPORTED. LAST KNOWN POSITION VICINITY  
08-23.8S 034-45.1W. VESSELS IN VICINITY REQUESTED  
TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE.  
REPORTS TO ANY COASTAL RADIO STATION.

(281340Z DEC 2002)

2858/02(24). BRAZIL-EAST COAST.

CHART 24220 (14TH ED).  
RECIFE LIGHT 08-03.3S 034-51.9W UNLIT.

(290555Z DEC 2002)

2859/02(55). BLACK SEA. GUNNERY.

1. GUNNERY EXERCISES 0930Z TO 1500Z DAILY  
03 AND 04 JAN IN AREA BOUND BY  
44-43.8N 032-52.2E, 44-34.8N 032-37.4E,  
44-38.8N 032-11.5E, 44-48.4N 032-08.2E,  
45-00.2N 032-14.2E, 44-52.2N 032-41.6E.
2. CANCEL THIS MSG 041600Z JAN 03.

(290740Z DEC 2002)

2860/02(38). NORTH ATLANTIC. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS 300001Z TO  
302359Z DEC IN AREA BETWEEN  
68-30N 70-00N AND 019-00W 015-00W.
2. CANCEL THIS MSG 310059Z DEC.

(291040Z DEC 2002)

2861/02. CANCELED.

2862/02(52). ALGERIA.

CHART 52060 (16TH ED).  
ILE RACHGOUN LIGHT 35-19.5N 001-28.7W UNLIT.

(291458Z DEC 2002)

2863/02 thru 2865/02. CANCELED.

2866/02(54). NORTHERN ADRIATIC SEA. ITALY.

DISTRESS SIGNAL RECEIVED FROM VESSEL, 150 PERSONS ON BOARD,  
WITHIN TWO MILES OF CAORLE (44-50N 012-10E) AT 300300Z DEC.  
VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT,  
ASSIST IF POSSIBLE. REPORTS TO MRCC ROME, TELEX: 4361 1172,  
PHONE: 390 6590 8409, FAX: 390 6592 2737.

(301010Z DEC 2002)

2867/02(52). TUNISIA-NORTH COAST.

- CHART 52200 (8TH ED).
1. ECUEILS DES SORELLES BUOY 37-24N 008-36E UNLIT  
AND RACON OFF AIR.
  2. CANCEL HYDROLANT 2853/02.

(301020Z DEC 2002)

2868/02(57). SOUTH ATLANTIC.

1. DERELICT BARGE ADRIFT VICINITY 06-11S 010-52E.
2. CANCEL THIS MSG 06 JAN 03.

(301050Z DEC 2002)

2869/02(52). TUNISIA-NORTHEAST COAST. GUNNERY.

1. GUNNERY EXERCISES 01 JAN THRU 31 DEC IN AREA  
BETWEEN 37-45N 38-00N AND 010-15E 010-30E.
2. CANCEL THIS MSG 01 JAN 04.

(301312Z DEC 2002)

2870/02(56). EASTERN MEDITERRANEAN SEA.

CHART 56060 (8TH ED).  
STRUCTURE ESTABLISHED IN 31-44.1N 034-17.7E.  
THREE MILE BERTH REQUESTED.

(301334Z DEC 2002)

2871/02. CANCELED.

### SECTION III

NM 3/03

2872/02(53). SICILIA-SOUTHEAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS SUNRISE TO SUNSET DAILY 02, 07 THRU 09, 13 THRU 16, 21 THRU 23 AND 27 THRU 30 JAN WITHIN 15 MILES OF 36-40-20N 015-00-53E.
2. CANCEL THIS MSG 31 JAN 03.

(301655Z DEC 2002)

2873/02 and 2874/02. CANCELED.

2875/02(GEN). CAPE VERDE TO CARIBBEAN SEA.

35 FOOT S/V MYSOUN, FOUR PERSONS ON BOARD, UNREPORTED CAPE VERDE TO GUADELOUPE, MARTINIQUE OR ST. MARTIN. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO MRCC GRIS NEZ, TELEX: 42130680, PHONE: 333 2187 2187, FAX: 333 2187 7855.

(310330Z DEC 2002)

2876/02. CANCELED.

2877/02(GEN). SPAIN.

1. FROM 01 JAN UNTIL FURTHER NOTICE ALL SINGLE-HULL OIL TANKERS CARRYING HEAVY FUEL, TAR, ASPHALTIC BITUMEN OR HEAVY CRUDE OIL ARE FORBIDDEN ENTRY INTO SPANISH PORTS, TERMINALS OR MOORING AREAS.
2. CANCEL HYDROLANT 2777/02.

(310640Z DEC 2002)

2878/02. CANCELED.

2879/02(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 070159Z JAN BY M/V CGG ALIZE TOWING EIGHT 7400 METER LONG CABLES IN AREA BETWEEN 25-40S 26-50S AND 044-25W 045-15W. FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 070259Z JAN 03.

(311040Z DEC 2002)

2880/02(24). BRAZIL-SOUTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 070159Z JAN BY M/V VERITAS VIKING I TOWING EIGHT 6000 METER LONG CABLE IN AREA BETWEEN 23-50S 24-30S AND 044-35W 043-50W. SIX MILE BERTH REQUESTED.
2. CANCEL HYDROLANT 2876/02.
3. CANCEL THIS MSG 070259Z JAN 03.

(311050Z DEC 2002)

2881/02(24). BRAZIL-EAST COAST.

MAN OVERBOARD VICINITY 09-15S 034-57W AT 302028Z DEC. VESSELS IN VICINITY REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO ANY COASTAL RADIO STATION.

(311210Z DEC 2002)

2882/02(54). AEGEAN SEA. GUNNERY.

1. GUNNERY EXERCISES DURING DAYLIGHT HOURS DAILY 01 JAN THRU 31 DEC IN AREA BOUND BY 38-02N 024-52E, 38-16N 025-21E, 37-48N 025-49E, 37-34N 025-23E, 37-42N 025-01E, 38-00N 024-52E.
2. CANCEL THIS MSG 01 JAN 04.

(311220Z DEC 2002)

2883/02(54). SEA OF CRETE. MISSILES.

1. HAZARDOUS OPERATIONS 0530Z TO SUNSET DAILY WEDNESDAY, THURSDAY AND FRIDAY UNTIL 31 DEC IN AREA BOUND BY 35-36N 024-07E, 36-18N 024-07E, 36-18N 025-59E, 36-25N 026-12E, 36-16N 026-40E, 35-36N 026-41E, 35-31N 024-11E.
2. CANCEL THIS MSG 01 JAN 04.

(311240Z DEC 2002)

2884/02(36). NORTH ATLANTIC.

1. FOUR CONTAINERS ADRIFT IN 45-34N 012-07W AT 310930Z DEC.
2. CANCEL THIS MSG 07 JAN 03.

(311749Z DEC 2002)

2885/02. CANCELED.

## SECTION III

1/03(24). BRAZIL-NORTH COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 02 JAN BY  
M/V RAMFORM EXPLORER TOWING EIGHT 6853 METER  
LONG CABLES IN AREA BOUND BY  
00-19.7S 043-40.5W, 00-29.0S 043-32.0W,  
00-51.4S 043-56.0W, 00-41.7S 044-04.5W.  
FIVE MILE BERTH REQUESTED.
2. CANCEL THIS MSG 03 JAN.

(010740Z JAN 2003)

2/03(24). BRAZIL-EAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL 03 JAN BY  
M/V BULLDOG TOWING 15 METER LONG CABLE IN  
AREA BOUND BY 11-11.7S 037-08.4W,  
11-13.6S 037-08.5W, 11-15.5S 037-04.5W,  
11-15.5S 037-02.8W. WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 04 JAN.

(010750Z JAN 2003)

3/03(37). ENGLAND-EAST COAST.

CHART 37166 (2ND ED).  
SUNK LIGHTVESSEL 51-51N 001-35E UNRELIABLE.

(011500Z JAN 2003)

4/03(37). DOVER STRAIT.

CHART 37120 (2ND ED).  
SANDETTIE NORTH BUOY 51-18N 002-05E UNLIT.

(011615Z JAN 2003)

5/03(53). STRAIT OF SICILY. ISOLA LINOSA.

CHART 53220 (6TH ED).  
PUNTA BEPPE TUCCIO LIGHT 35-52.2N 012-52.6E UNLIT.

(012120Z JAN 2003)

6/03(37). DOVER STRAIT.

CHART 37140 (33RD ED).  
SOUTH GOODWIN LIGHTSHIP 51-08.0N 001-28.5E AT REDUCED INTENSITY.

(012215Z JAN 2003)

7/03(37). FRANCE-NORTHWEST COAST.

- CHART 37050 (9TH ED).
1. NORTHEAST BUOY ADRIFT IN 48-54.9N 004-47.0W  
AT 011700Z JAN.
  2. CANCEL HYDROLANT 2885/02.
  3. CANCEL THIS MSG 08 JAN.

(012235Z JAN 2003)

8/03(36). IRELAND-EAST COAST.

CHART 36060 (17TH ED).  
CODLING LANBY 53-03.0N 005-40.7W UNLIT.

(012325Z JAN 2003)

9/03. CANCELED.

**SECTION III****NAVAREA XII**

Messages in force 021200Z January 2003:

2001 series	2002 series	260(GEN)	339(GEN)	366(GEN)	2003 series
298(GEN)	178(GEN)	270(GEN)	364(19)	368(18)	1(18)

The summary of all NAVAREA XII messages in force as of 12 December 2002 is given in Section III of NM 52/02.

**NAVAREA XII WARNINGS issued from 261200Z December 2002 to 021200Z January 2003.**

364/02(19). NORTH PACIFIC, HAWAII, MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2400Z DAILY MONDAY THRU SUNDAY IN THE PACIFIC MISSILE RANGE FACILITY, HAWAIIAN AREA, BARKING SANDS, KAUAI. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1600Z TO 0400Z DAILY MONDAY THRU FRIDAY. THE PACIFIC MISSILE RANGE FACILITY HAWAIIAN AREA (W188) IS BOUND BY:
  - A. 22-00.0N 159-51.0W.
  - B. 22-00.0N 160-00.0W THENCE CCW THREE MILES FROM
  - C. 22-02.7N 160-09.1W. NIIHAU/LEHUA.
  - D. 22-03.0N 160-21.0W.
  - E. 22-05.0N 161-35.0W THENCE CW 100 MILES FROM
  - F. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
  - G. 22-45.0N 161-25.0W.
  - H. 22-56.0N 161-49.0W THENCE CW 125 MILES FROM
  - I. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
  - J. 23-57.0N 160-41.0W.
  - K. 25-41.0N 161-36.0W THENCE CW 240 MILES FROM
  - L. 22-02.4N 159-47.3W. BARKING SANDS TACAN.
  - M. 25-47.0N 158-15.0W.
  - N. 23-54.0N 158-15.0W.
  - O. 22-20.0N 159-09.0W THENCE CCW 25 MILES FROM
  - P. 21-58.1N 159-20.5W. LIHUE VORTAC.
  - Q. 22-13.0N 159-42.0W THENCE CCW THREE MILES AND PARALLEL TO THE SHORELINE OF KAUAI.
  - R. 22-00.0N 159-51.0W.
2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT "MISSILE RANGE BARKING SANDS" ON 2182 KHZ, 4491 USB OR 156.8 MHZ (CHANNEL 16) BEFORE ENTERING THE ABOVE BOUNDARIES. IF UNABLE TO CONTACT THE PACIFIC MISSILE RANGE FACILITY PRIOR TO ENTERING OR WHILE IN THE WARNING AREA, RELAY MESSAGES THROUGH U.S. COAST GUARD HONOLULU.
3. VESSELS INBOUND AND OUTBOUND FOR HAWAIIAN PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS AS WELL AS ENHANCE THE VESSEL'S SAFETY BY PASSING SOUTH OF THE ISLANDS OF KAUAI AND NIIHAU DURING SPECIFIED TIMES.
4. CANCEL NAVAREA XII 333/02.

(270910Z DEC 2002)

365/02. CANCELED.

366/02(19).

1. NAVAREA XII MESSAGES IN FORCE 281000Z DEC 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN. 2002 SERIES: 339(GEN), 363(GEN), 364(19), 365(18).
2. THE SUMMARY OF ALL NAVAREA XII MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02, 26/02 AND 39/02.
3. CANCEL NAVAREA XII 360/02.

(281020Z DEC 2002)

367/02. CANCELED.

368/02(18). NORTH PACIFIC, HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1348Z TO 1533Z DAILY 05 THRU 07 JAN IN AREAS BOUND BY:
  - A. 34-26N 120-39W, 34-26N 120-42W,  
34-38N 120-39W, 34-37N 120-35W.
  - B. 25-52N 123-32W, 29-18N 122-37W,  
29-07N 121-47W, 25-41N 122-43W.
  - C. 21-02N 124-32W, 24-17N 123-44W,  
24-11N 123-17W, 20-57N 124-06W.
2. CANCEL THIS MSG 071633Z JAN 03.

(311020Z DEC 2002)

## SECTION III

1/03(18). EASTERN NORTH PACIFIC. MISSILES.

1. INTERMITTENT MISSILE FIRING OPERATIONS 0001Z TO 2359Z DAILY MONDAY THRU SUNDAY IN THE NAVAL AIR WARFARE CENTER SEA RANGE. THE MAJORITY OF MISSILE FIRINGS TAKE PLACE 1400Z TO 2359Z AND 0001Z TO 0200Z DAILY MONDAY THRU FRIDAY. THE SEA RANGE IS BOUND AS FOLLOWS:

A. 34-02N 119-04W. M. THENCE THREE NAUTICAL MILES FROM AND PARALLEL

B. 33-52N 119-06W. TO THE SHORELINE.

C. 33-29N 119-07W. N. 34-24N 120-30W.

D. 33-29N 118-37W. O. 34-08N 120-26W.

E. 33-20N 118-37W. P. 34-08N 119-40W.

F. 32-11N 120-16W. Q. 34-00N 119-40W.

G. 31-54N 121-35W. R. 34-06N 119-13W.

H. 35-09N 123-39W. S. 34-06N 119-11W.

I. 35-29N 123-00W. T. 34-07N 119-10W.

J. 35-04N 122-43W. U. 34-07N 119-07W.

K. 35-57N 121-32W. V. 34-04N 119-04W.

L. 34-59N 120-42W.

2. VESSELS MAY BE REQUESTED TO ALTER COURSE WITHIN THE ABOVE AREA DUE TO FIRING OPERATIONS AND ARE REQUESTED TO CONTACT PLEAD CONTROL ON 5081.5 KHZ (5080 KHZ) OR 3238.5 KHZ (3237 KHZ) SECONDARY OR 156.8 MHZ (CH 16) OR 127.55 MHZ BEFORE ENTERING THE ABOVE BOUNDARIES AND MAINTAIN CONTINUOUS GUARD WHILE WITHIN THE RANGE.

3. VESSELS INBOUND AND OUTBOUND FOR SOUTHERN CALIFORNIA PORTS WILL CREATE THE LEAST INTERFERENCE TO FIRING OPERATIONS DURING THE SPECIFIC PERIODS, AS WELL AS ENHANCE THE VESSEL'S SAFETY WHEN PASSING THROUGH THE VICINITY OF THE SEA RANGE. IF THEY WILL TRANSIT VIA THE SANTA BARBARA CHANNEL AND WITHIN NINE MILES OFFSHORE VICINITY OF POINT MUGU OR CROSS THE AREA SOUTHWEST OF SAN NICOLAS ISLAND BETWEEN SUNSET AND SUNRISE.

4. CANCEL NAVAREA XII 365/02.

(020950Z JAN 2003)

### SECTION III HYDROPACS

Messages in force 021200Z January 2003:

2000 series	1147(92)	2155(81)	2278(81)	2380(81,97)	2444(63)
597(73)	1315(62)	2158(97)	2285(94,97)	2381(75)	2445(63)
1557(94)	1661(GEN)	2159(92)	2291(81)	2383(75)	2449(22)
2001 series	1757(GEN)	2161(97)	2294(81,97)	2402(22)	2452(95)
1556(71)	1765(71)	2162(76)	2298(63)	2404(72)	2453(95)
1636(96)	1843(22)	2164(91)	2317(81)	2406(94)	2456(71)
1647(GEN)	1893(74)	2178(29)	2319(93)	2410(22)	2458(97)
1976(62)	2040(63)	2191(22)	2321(81)	2421(75)	2461(22)
2062(61)	2057(71,93)	2193(61)	2325(22)	2427(GEN)	2462(81)
2002 series	2111(62)	2195(73,74,82)	2330(62)	2429(81)	2463(63)
146(62)	2121(61)	2196(81)	2339(63)	2430(81)	2464(63)
196(61)	2125(91,92)	2199(63)	2343(62)	2431(62)	2465(63)
205(GEN)	2126(62)	2201(97)	2347(76)	2432(22)	2466(63)
206(GEN)	2128(81)	2223(81)	2349(92)	2433(94,95)	2467(75)
207(93)	2134(81)	2224(22)	2356(81)	2434(71)	2003 series
352(73)	2138(96)	2226(81)	2357(74)	2435(63)	1(22)
403(72,73)	2144(81)	2229(74)	2364(93)	2436(63)	2(61)
637(75)	2145(94,97)	2238(74)	2371(22)	2437(72)	3(63)
753(62)	2146(81)	2255(61)	2372(97)	2438(75)	
787(71)	2148(74)	2269(81)	2374(63)	2440(GEN)	
828(62)	2153(94)	2275(81)	2376(97)	2442(94,95)	
1078(72)	2154(81)	2277(GEN)	2379(22)	2443(94,95)	

The summary of all HYDROPACS in force as of 12 December 2002 is given in Section III of NM 52/02.

#### **HYDROPAC WARNINGS issued from 261200Z December 2002 to 021200Z January 2003.**

2429/02(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 13-32.3N 151-55.3E  
AT 260012Z DEC. VESSELS IN VICINITY REQUESTED TO KEEP A  
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC GUAM,  
TELEX: 392401, PHONE: 671 339 2001, FAX: 671 339 6210.

(261340Z DEC 2002)

2430/02(81). NORTH PACIFIC.

DISTRESS SIGNAL RECEIVED ON 406 MHZ IN 08-56.5N 169-29.5E  
AT 261025Z DEC. VESSELS IN VICINITY REQUESTED TO KEEP A  
SHARP LOOKOUT, ASSIST IF POSSIBLE. REPORTS TO RCC HONOLULU,  
TELEX: 392401, PHONE: 808 541 2500, FAX: 808 541 2123.

(261345Z DEC 2002)

2431/02(62). RED SEA. SAUDI ARABIA.

1. LORAN-C STATION AL MUWASSAM, RATE 8830-Z,  
OFF AIR 28 DEC THRU 10 JAN.  
2. CANCEL THIS MSG 11 JAN 03.

(261600Z DEC 2002)

2432/02(22). CHILE.

CHART 22281 (9TH ED).  
RACON (T) ESTABLISHED AT PUNTA TORTUGA LIGHT  
29-55.9S 071-21.0W.

(270205Z DEC 2002)

2433/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 02 THRU 04,  
06 THRU 11, 13 THRU 18, 20 THRU 25  
AND 27 AND 31 JAN IN AREA BETWEEN  
36-05N 36-35N AND 124-50E 125-42E.  
2. CANCEL THIS MSG 311100Z JAN 03.

(270850Z DEC 2002)

2434/02(71). STRAIT OF MALACCA. GUNNERY.

1. GUNNERY EXERCISES 0001Z TO 1601Z DAILY 01 THRU 04,  
06 THRU 11, 13 THRU 18, 20 THRU 25 AND  
27 THRU 31 JAN IN AREA BOUND BY  
04-33N 099-48E, 04-14N 100-17E, 04-53N 100-06E.  
2. CANCEL THIS MSG 311701Z JAN 03.

(270855Z DEC 2002)

2435/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1230Z DAILY 01 THRU 07 JAN  
IN AREA BETWEEN 15-13N 15-11N AND 073-57E 073-52E.

## SECTION III

2. CANCEL THIS MSG 071330Z JAN 03.

(271050Z DEC 2002)

2436/02(63). INDIA-SOUTHWEST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 1230Z TO 1500Z DAILY 01 THRU 03 JAN  
WITHIN 75 MILES OF 08-31.9N 076-52.1E.
2. CANCEL THIS MSG 031600Z JAN 03.

(271120Z DEC 2002)

2437/02(72). JAWA SEA.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE  
BY M/V PACIFIC SWORD TOWING 3.7 MILE LONG CABLE  
IN AREA BETWEEN 07-00S 07-27S AND 112-33E 114-27E.

(271310Z DEC 2002)

2438/02(75). AUSTRALIA-SOUTHEAST COAST.

SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY  
M/V MERMAID RAIDER TOWING 300 METER LONG CABLE IN  
AREA BETWEEN 38-30S 39-15S AND 142-40E 143-00E.  
WIDE BERTH REQUESTED.

(272142Z DEC 2002)

2439/02. CANCELED.

2440/02(GEN).

1. HYDROPAC MESSAGES IN FORCE 281100Z DEC 2002. ONLY THOSE MESSAGES ISSUED DURING THE LAST SIX WEEKS ARE LISTED HEREIN.  
2002 SERIES: 2121(61), 2125(91,92), 2126(62), 2128(81), 2134(81), 2138(96), 2144(81), 2145(94,97), 2146(81), 2148(74), 2153(94), 2154(81), 2155(81), 2156(72), 2158(97), 2159(92), 2161(97), 2162(76), 2164(91), 2178(29), 2191(22), 2193(61), 2195(73,74,82), 2196(81), 2199(63), 2201(97), 2216(94,95), 2218(94,95), 2219(94,95), 2220(71), 2223(81), 2224(22), 2226(81), 2228(95), 2229(74), 2238(74), 2242(95), 2243(94,95), 2255(61), 2269(81), 2274(61), 2275(81), 2277(GEN), 2278(81), 2285(94,97), 2291(81), 2294(81,97), 2298(63), 2317(81), 2319(93), 2321(81), 2325(22), 2330(62), 2339(63), 2343(62), 2347(76), 2349(92), 2356(81), 2357(74), 2363(75), 2364(93), 2371(22), 2372(97), 2374(63), 2376(97), 2379(22), 2380(81,97), 2381(75), 2383(75), 2393(63), 2399(22), 2402(22), 2404(72), 2406(94), 2409(63), 2410(22), 2413(GEN), 2417(63), 2421(75), 2422(97), 2426(22), 2427(GEN), 2429(81), 2430(81), 2431(62), 2432(22), 2433(94,95), 2434(71), 2435(63), 2436(63), 2437(72), 2438(75).
2. THE SUMMARY OF ALL HYDROPAC MESSAGES IN FORCE AS OF 13 DEC 2001 IS GIVEN IN SEC III OF NM 52/01. WARNINGS ISSUED DURING THE SUBSEQUENT QUARTERS ARE SUMMARIZED IN NM 13/02, 26/02 AND 39/02.
3. CANCEL HYDROPAC 1588/02, 2084/02, 2093/02, 2099/02, 2101/02, 2117/02, 2120/02, 2401/02, 2428/02, 2439/02.

(281120Z DEC 2002)

2441/02. CANCELED.

2442/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 02 THRU 04, 06 THRU 11, 13 THRU 18, 20 THRU 25 AND 27 THRU 31 JAN IN AREA BETWEEN 34-50N 35-15N AND 124-50E 125-42E.
2. CANCEL THIS MSG 311100Z JAN 03.

(281155Z DEC 2002)

2443/02(94,95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1000Z DAILY 02 THRU 04, 06 THRU 11, 13 THRU 18, 20 THRU 25 AND 27 THRU 31 JAN IN AREA BOUND BY 36-35N 125-36E, 36-35N 124-50E, 37-06N 124-50E, 37-10N 125-36E.
2. CANCEL THIS MSG 311100Z JAN 03.

(281205Z DEC 2002)

2444/02(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0130Z TO 1630Z DAILY 02 AND 03 JAN  
WITHIN 70 MILES OF 15-50.0N 080-29.5E.
2. CANCEL THIS MSG 031730Z JAN 03.

(281210Z DEC 2002)

2445/02(63). INDIA-EAST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 020230Z TO 020530Z AND 021230Z TO 021430Z JAN  
IN AREA BOUND BY 17-42.2N 083-18.6E, 17-42.1N 083-29.9E,

### SECTION III

NM 3/03

- 17-36.7N 083-28.5E, 17-32.7N 083-24.3E.  
2. CANCEL THIS MSG 021530Z JAN 03.

(281220Z DEC 2002)

2446/02 thru 2448/02. CANCELED.

2449/02(22). SOUTH PACIFIC. CHILE. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1100Z TO 2100Z DAILY 03 AND 06 THRU 08 JAN  
IN AREA BETWEEN 36-23S 36-38S AND 073-58W 073-40W.  
2. CANCEL THIS MSG 082200Z JAN 03.

(290720Z DEC 2002)

2450/02 and 2451/02. CANCELED.

2452/02(95). SEA OF JAPAN. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 02 THRU 04,  
06 THRU 11, 13 THRU 18, 20 THRU 25 AND  
27 THRU 30 JAN IN AREA BOUND BY  
38-25N 128-45E, 38-25N 129-30E,  
38-10N 129-30E, 38-10N 129-00E,  
38-17N 129-00E, 38-17N 128-45E.  
2. CANCEL HYDROFAC 2156/02(72), OPERATIONS COMPLETED.  
3. CANCEL THIS MSG 301400Z JAN 03.

(300820Z DEC 2002)

2453/02(95). YELLOW SEA. ORDNANCE.

1. BOMBING EXERCISES 0001Z TO 1300Z DAILY 02 THRU 04,  
06 THRU 11, 13 THRU 18, 20 THRU 25 AND  
27 THRU 30 JAN IN AREA BETWEEN  
35-35N 36-00N AND 125-00E 125-30E.  
2. CANCEL THIS MSG 301400Z JAN 03.

(301244Z DEC 2002)

2454/02 and 2455/02. CANCELED.

2456/02(71). BORNEO-SOUTHWEST COAST.

1. DERELICT 25 FOOT F/V CAPSIZED AND ADRIFT VICINITY  
02-47.3S 109-32.5E AT 281115Z DEC.  
2. CANCEL THIS MSG 06 JAN 03.

(301501Z DEC 2002)

2457/02. CANCELED.

2458/02(97). NORTH PACIFIC.

1. DERELICT 19 TON F/V NR. 8 RYOU MARU ADRIFT  
VICINITY 28-02.6N 155-35.5E AT 300700Z DEC.  
2. CANCEL THIS MSG 06 JAN 03.

(301620Z DEC 2002)

2459/02 and 2460/02. CANCELED.

2461/02(22). SOUTH PACIFIC. CHILE. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 1200Z TO 2100Z DAILY  
02, 03 AND 06 THRU 10 JAN IN AREA BOUND BY  
36-11-00S 073-38-42W, 36-11-00S 073-14-00W,  
36-36-00S 073-14-00W, 36-36-00S 073-38-00W.  
2. CANCEL THIS MSG 102200Z JAN 03.

(310250Z DEC 2002)

2462/02(81). NORTH PACIFIC.

MAN OVERBOARD FROM VESSEL CHING FENG HUA NO. 666  
IN 11-46N 170-31E. VESSELS IN VICINITY  
REQUESTED TO KEEP A SHARP LOOKOUT, ASSIST  
IF POSSIBLE, REPORTS TO RCC HONOLULU,  
PHONE: 808 541 2500, FAX: 808 541 2123.

(310950Z DEC 2002)

2463/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0330Z TO 1530Z DAILY 03 AND 07 JAN  
IN AREA BOUND BY 09-57.6N 075-59.5E, 09-57.7N 076-14.2E,  
09-40.0N 076-14.5E, 09-42.5N 076-09.5E.  
2. CANCEL THIS MSG 071630Z JAN.

(311421Z DEC 2002)

2464/02(63). INDIA-EAST COAST. ROCKETS.

1. HAZARDOUS OPERATIONS 0330Z TO 1030Z DAILY 03 THRU 11 JAN  
WITHIN 75 MILES OF 21-25.5N 087-00.2E.

### SECTION III

2. CANCEL THIS MSG 111130Z JAN 03.

(311452Z DEC 2002)

2465/02(63). INDIA-WEST COAST.

1. SEISMIC SURVEY 01 JAN THRU 31 MAR BY  
M/V SAGAR SANDHANI TOWING TWO 6500 METER  
LONG CABLES IN AREA BETWEEN  
19-27N 18-57N AND 071-51E 072-26E.  
WIDE BERTH REQUESTED.
2. CANCEL THIS MSG 01 APR 03.

(311512Z DEC 2002)

2466/02(63). INDIA-WEST COAST. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 0230Z TO 1130Z DAILY 01 THRU 07 JAN  
WITHIN SIX MILES OF 14-01.0N 074-19.6E.
2. CANCEL THIS MSG 071230Z JAN 03.

(311558Z DEC 2002)

2467/02(75). AUSTRALIA-SOUTHEAST COAST.

1. SEISMIC SURVEY IN PROGRESS UNTIL FURTHER NOTICE BY  
M/V POLAR DUKE TOWING 2.5 MILE LONG CABLE IN AREA  
BETWEEN 37-56S 38-30S AND 148-53E 149-26E.
2. CANCEL HYDROFAC 2399/02(22) AND 2426/02(22).

(311941Z DEC 2002)

1/03(22). SOUTH PACIFIC, CHILE. HAZARDOUS OPERATIONS.

1. HAZARDOUS OPERATIONS 021100Z TO 022000Z AND  
031300Z TO 032000Z JAN IN AREA BETWEEN  
32-55S 33-00S AND 072-05W 072-00W.
2. CANCEL HYDROFAC 2460/02.
3. CANCEL THIS MSG 032100Z JAN.

(010050Z JAN 2003)

2/03(61). INDIAN OCEAN. ORDNANCE.

1. UNDERWATER ORDNANCE DETONATIONS IN PROGRESS  
UNTIL 312359Z JAN IN AREA BETWEEN  
09-00S 13-00S AND 070-00E 073-00E.
2. CANCEL THIS MSG 010059Z FEB.

(010650Z JAN 2003)

3/03(63). INDIA-WEST COAST.

CHART 63080 (5TH ED).

RADIOBEACON AT DIU HEAD LIGHT 20-41.3N 070-49.7E OFF AIR.

(021110Z JAN 2003)

### MARAD ADVISORIES

MARAD ADVISORIES rapidly disseminate information on government policy, danger and safety issues pertaining to vessel operations and other timely maritime matters. They are periodically issued by the U.S. Maritime Administration (MARAD) to vessel masters, operators, and other U.S. maritime interests.

The text of all in-force MARAD ADVISORIES may be obtained by accessing the NIMA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)), by referring to Section I (paragraph 50) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002, or by contacting the Maritime Administration Office of Ship Operations, Code MAR-613, Room 2123, 400 Seventh Street S.W., Washington DC 20590, Telephone (202) 366-5735, FAX (202) 366-3954, TLX II 710-822-9426 (MARAD DOT WSH).

MARAD ADVISORIES in force 2 January 2003: 00-7, 01-1, 01-5, 01-7, 02-2, 02-5 and 02-7.

### SPECIAL WARNINGS

SPECIAL WARNINGS, primarily intended to announce official government proclamations affecting shipping, are broadcast as needed. They are numbered consecutively and further promulgated in the Notice to Mariners.

The text of all in-force SPECIAL WARNINGS may be obtained by accessing the NIMA Maritime Safety Information website ([http://164.214.12.145/warn/warn\\_j\\_query.html](http://164.214.12.145/warn/warn_j_query.html)) or by referring to Section I (paragraph 7) of US Notice to Mariners 1/03 for those in-force as of 19 December 2002.

SPECIAL WARNINGS in force 2 January 2003: 1, 29, 77, 81, 82, 89, 92, 95, 107, 108, 111, 113, 114, 115, 116, 117, 118, 119 and 120.

**MARINE INFORMATION****UNITED STATES COAST GUARD NAVIGATION INFORMATION SERVICE**

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, provides information for all radionavigation systems. The NIS is staffed 24 hours a day, 7 days a week, providing information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM) and the latest Notice Advisory to Navstar Users (NANU). NANU notices can also be obtained via e-mail subscription through the USCG Navigation Center website (<http://www.navcen.uscg.gov/gps/default.htm>). In addition, the NIS investigates all reports of degraded or loss of GPS, DGPS or LORAN-C service. Mariners are encouraged to report all degradation of radionavigation services to the NIS via any of the following: Phone: 703-313-5900, Email: [webmaster@navcen.uscg.mil](mailto:webmaster@navcen.uscg.mil), or on the World Wide Web at <http://www.navcen.uscg.gov>.

## MARINE INFORMATION REPORT AND SUGGESTION SHEET INSTRUCTIONS

We value your suggestions to improve our products. The Marine Information Report and Suggestion Sheet is provided for users to submit corrective information. Please be complete and accurate in your description/suggestion and include the information as detailed below:

**Observer:** name(s) of person(s) making observation and rank, rate or title.

**Ship/Organization:** name of vessel or organization.

**Address:** complete mailing address. Also include telephone number, fax, and/or e-mail address, if available, in case clarification is required.

**Date of Observation:** day, month and year at which the observation was made.

**Time of Observation:** local time at which the observation was made.

**Latitude/Longitude:** exact position of the observation expressed as accurately as possible.

**Datum:** horizontal datum to which the observed position is referred (e.g. WGS, NAD83, local foreign datum, etc.).

**Navigation System:** method used to determine the position of the observation (e.g. radar, GPS, Loran, etc.).

Include details about the equipment used, if deemed pertinent.

**Verified by Navigator:** indicate whether observation was verified by navigator.

**Product(s) Affected:** product number(s) and/or name(s) to which the observation applies (e.g. Chart 62400, Sailing Directions Pub. 127, etc.).

**Edition:** edition number and/or year of affected product.

**Latest correction applied:** the latest Notice to Mariners to which your copy of affected product has been corrected.

**Sounding sensor or method used:** equipment or method used to collect soundings. When reporting soundings, please provide an annotated echogram, if available, for verification.

**Soundings corrected for draft:** indicate whether soundings have been corrected for vessel's draft. If not, please include observed draft along with the details of information reported.

**Details of Information Reported:** use this space to provide details of the observation/suggestion. When referring to a charted feature, please describe it exactly as it appears on the chart. When referring to a publication, please indicate page number(s) and line number(s) or station number(s) as applicable. Use additional sheets as necessary and include diagrams, photocopies of the product(s) involved and/or photographs to describe observations in greater detail. If possible, include the designation, point of contact, telephone number, fax number and/or e-mail address of the local port authority to enable NIMA to update our records and obtain additional or later information.

**User Feedback:** use this space to provide feedback and suggestions for improving NIMA's products and services.

Please detach, fold and mail the pre-addressed form and include any other relevant material or supporting information.

Reports which present an immediate hazard to navigation should be sent to the nearest NAVAREA Coordinator via coast radio stations. In general, these hazards would include major aids to navigation anomalies, discovery of obstructions or shoals with depths of less than 30 meters, floating dangers to shipping, and any situation deemed critical to safety of life at sea. For further information consult Notice to Mariners No. 1, paragraph 44 (Worldwide Navigational Warnings Service).

Due to the large volume of information received, NIMA cannot acknowledge receipt of every report. Some reports containing useful data are filed for use in the compilation of the next edition of the affected product. Others confirm or clarify previously reported information. Echogram traces are digitized and become part of NIMA's Bathymetric Data Base. Acknowledgment is made by inclusion in the Observer's List of the Notice to Mariners (page ii), or in some cases by letter from the Agency involved.

For additional information about various Hydrographic Reports, consult The American Practical Navigator (Chapter 30).

## MARINE INFORMATION REPORT AND SUGGESTION SHEET

Observer \_\_\_\_\_ Ship/Organization \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Email address \_\_\_\_\_

Date of Observation \_\_\_\_\_ Time of Observation (Local) \_\_\_\_\_

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_ Datum \_\_\_\_\_

Navigation System \_\_\_\_\_ Verified by Navigator:      Yes \_\_\_\_\_ No \_\_\_\_\_

Product(s) Affected \_\_\_\_\_ Edition \_\_\_\_\_

Latest correction applied: N.M. \_\_\_\_\_

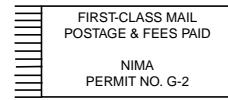
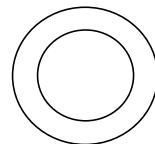
Sounding sensor or method used \_\_\_\_\_ Sounding(s) corrected for draft: Yes \_\_\_\_\_ No \_\_\_\_\_

Details of Information Reported (continue on additional sheets as necessary)  
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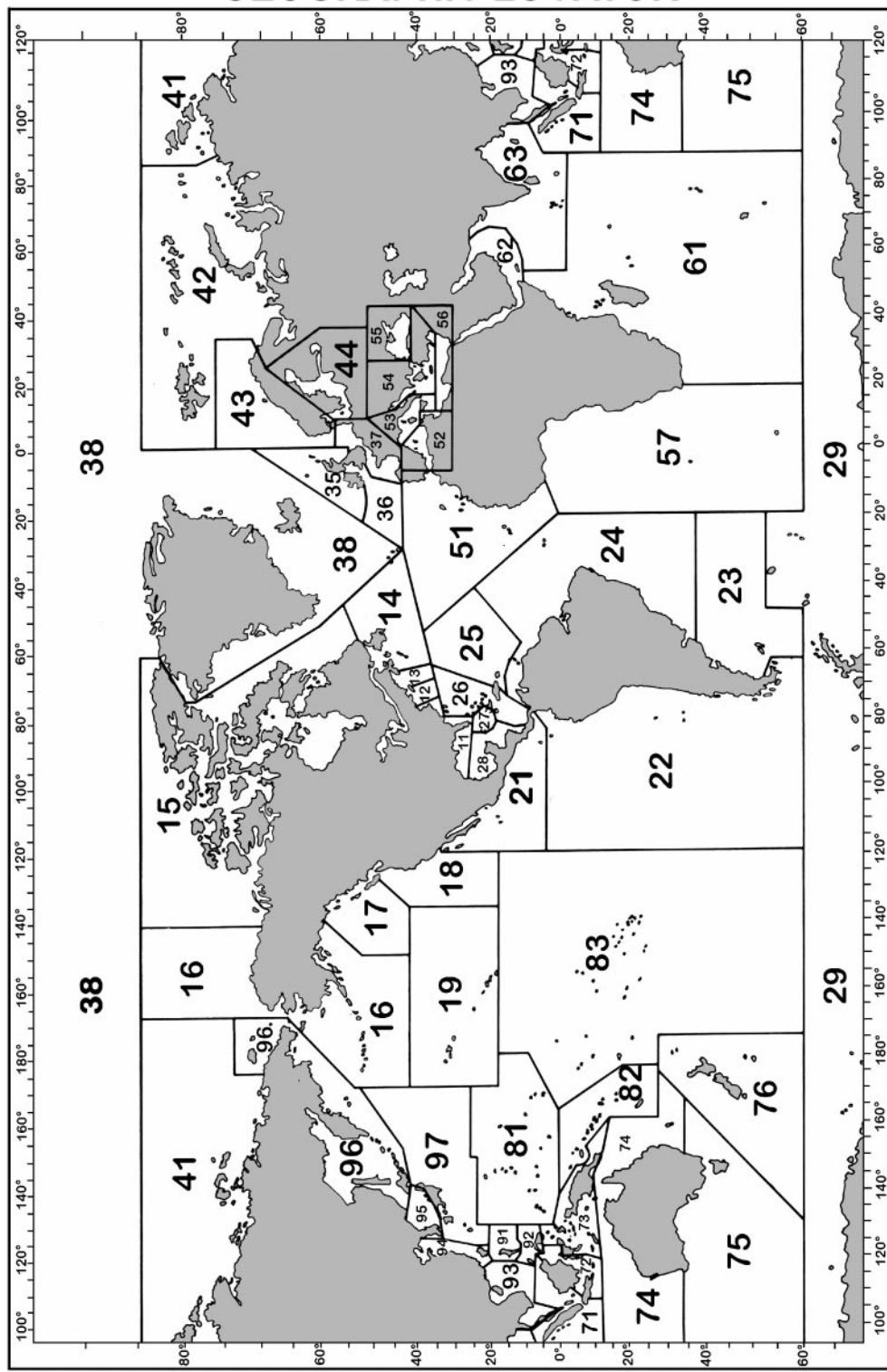
User Feedback (continue on additional sheets as necessary)  
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**MARITIME SAFETY INFORMATION DIVISION  
ST D44  
NATIONAL IMAGERY AND MAPPING AGENCY  
4600 SANGAMORE ROAD  
BETHESDA MD 20816-5003**



## GEOGRAPHIC LOCATOR



For chart numbering purposes, the world is divided into nine regions, each corresponding to the geographic limits of one of the nine regions in the NIMA Catalog of Maps, Charts, and Related Products, Part 2-Hydrographic Products, Volume 1. Each Region is further subdivided into the numbered Subregions in the above graphic. The first two digits of all five-digit chart numbers indicate the geographic subregion to which the chart pertains. Users can locate corrections in this Notice for charts of their immediate interest by determining the two-digit Subregion number of the pertinent geographic area, and then turning to the page or pages that list the chart numbers beginning with those two digits.

AFTER 5 DAYS RETURN TO

DEFENSE SUPPLY CENTER RICHMOND

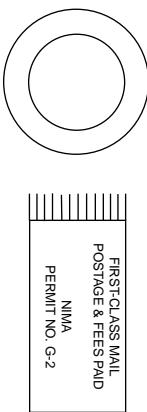
ATTN: JNAH

8000 JEFFERSON DAVIS HIGHWAY  
RICHMOND, VIRGINIA 23297-5338

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE \$500

FIRST CLASS



**IMPORTANT  
NAVIGATIONAL INFORMATION  
TIME-DATED**



**NOTICE TO  
MARINERS**

**PLEASE EXPEDITE DELIVERY**